

APPENDIX C AESO PIP

1. Introduction

From December 2019 to May 2020, the AESO conducted a Participant Involvement Program (PIP) to assist in preparing its *Cascade Power Plant Project Connection Needs Identification Document* (NID). The AESO directed the legal owner of transmission facilities (TFO), in this case AltaLink Management Ltd., in its capacity as general partner of AltaLink, L.P., to assist the AESO in providing notification as part of the AESO's PIP.

The AESO's PIP is designed to notify the parties notified in the TFO's PIP and any other parties that the AESO determines may have an interest in the needs identification document, 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

(collectively, Stakeholders).

The AESO's PIP has been conducted in accordance with the requirements of Section 6.2.2, NID27 and Appendix A2 of the current Alberta Utilities Commission (Commission) Rule 007 (AUC Rule 007), effective August 1, 2019, as well as AUC Bulletin 2020-13, effective April 7, 2020.

2. Stakeholder Notification

The AESO developed a one-page AESO Need Overview document with the purpose of notifying Stakeholders of the following items:

- a description of the need for development;
- a description of the AESO's preferred option to respond to the system access service request;
- identification of the general area where facilities could be installed to implement the AESO's preferred option to respond to the system access service request;
- 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 apply to the Commission for approval of the need.

A copy of the Need Overview was posted to the AESO website at <https://www.aeso.ca/stakeholder-engagement/transmission-projects/cascade-power-plant-project-connection/> and a notice was published in the AESO Stakeholder Newsletter on December 5, 2019. Copies of the Need Overview posting and the AESO Stakeholder Newsletter notice have been included as Attachments 1 and 2, respectively. The Need Overview was also included with the TFO's project-specific information package that was distributed to Stakeholders, as further described in Section 2.1.

2.1 Stakeholders Notified in the TFO's PIP

The TFO has advised the AESO that its PIP included notification within 800 metres of the proposed transmission lines, transmission line relocations, and substation upgrade, and within 200 metres of the proposed transmission line salvage and temporary transmission line (by-pass), as recommended by the Commission in Appendix A1 of AUC Rule 007.¹

The TFO notified a total of approximately 24 Stakeholders, of which 1 was classified as private or individual landowners. The other 23 notified Stakeholders and the TFO's rationale for their inclusion in the PIP are listed in Table 2.

Table 2: Summary of Agency, Industry, and First Nations and Metis Community Stakeholders Notified by the TFO

Stakeholder	TFO's Rationale for Inclusion in the PIP
Alberta Environment and Parks – Regional Integrated Approvals	Provincial requirements
Alberta Environment and Parks – Fish and Wildlife	Provincial requirements
Alberta Transportation	Provincial requirements
Alexis Nakota Sioux Nation	Provincial requirements
Athabasca Minerals Inc.	Crown leaseholder in the project notification area
Cascade Power GP Ltd.	Power generator in the project notification area
Fortis Alberta Inc.	Distribution facility owner in the project notification area
Jade Oilfield Maintenance Company Ltd.	Pipeline owner in the project notification area
Kehewin Cree Nation	Provincial requirements
Ministry of Culture, Multiculturalism and Status of Women	Provincial requirements
NAV CANADA	Federal requirements
O'Chiese First Nation	Provincial requirements
Paul First Nation	Provincial requirements
Peyto Exploration & Development Corp.	Pipeline owner in the project notification area
Repsol Oil & Gas Canada Inc.	Pipeline owner in the project notification area
Rogers Communications Inc.	Communication facility owner in the project notification area
TELUS Communications Inc.	Communication facility owner in the project notification area
Velvet Energy Ltd.	Pipeline owner in the project notification area
West Fraser Mills Ltd.	Forestry management agency in the project notification area
West Lake Energy Corp.	Pipeline owner in the project notification area
Whitefish (Goodfish) Lake First Nation	Provincial requirements
Yellowhead County	Municipal requirements
Yellowhead Gas Co-op	Pipeline owner in the project notification area

Attachment 3 includes the TFO's project newsletter, which was included with the AESO Need Overview in the TFO project-specific information package that was distributed to the Stakeholders described above

¹ AltaLink has identified its facility application to be of the following types: *Overhead transmission line and new substation development – rural or industrial setting; Decommissioning, salvage and abandonment – transmission facilities; and Minor transmission line replacements within the original right-of-way – rural and industrial*, as categorized in AUC Rule 007, Appendix A1, Section 5.

between December 6, 2019 and January 30, 2020. The TFO's project newsletter and the AESO Need Overview were also posted on the TFO's project-specific webpage at <http://www.altalink.ca/projects/view/338/cascade-combined-cycle-connection> on December 6, 2019. The TFO's project newsletter included the AESO's contact information, a description of the AESO's role, a reference to the AESO Need Overview, and an invitation to contact the TFO or the AESO for additional information.

3. Stakeholders Notified by the AESO

The AESO also notified 2 market participants that the AESO determined may have an interest in the NID. The AESO identified that, under certain potential system conditions, these market participants may be affected following the connection of Cascade Power Plant Project Connection. A Market Participant Notification Letter, which included the Need Overview, was sent to the notified market participants on May 8, 2020.

The two notified market participants are as follows:

- Repsol Canada
- West Fraser

A generic version of the Market Participant Notification Letter was posted to the AESO website on May 11, 2020 at <https://www.aeso.ca/stakeholder-engagement/transmission-projects/cascade-power-plant-project-connection/>. A copy has been included as Attachment 4.

4. Filing Notification

Most recently, the AESO notified Stakeholders of its intention to submit the NID to the Commission by posting a Notification of NID Filing to the AESO website at <https://www.aeso.ca/stakeholder-engagement/transmission-projects/cascade-power-plant-project-connection/> and a publishing notice in the AESO Stakeholder Newsletter on May 26, 2020. Copies of the Notification of NID Filing posting and the AESO Stakeholder Newsletter notice have been included as Attachments 5 and 6, respectively.

5. Responding to Questions and Concerns

To ensure that Stakeholders had the opportunity to provide feedback, the AESO provided Stakeholders with AESO contact information, including a dedicated, toll-free telephone line (1-888-866-2959) and a dedicated email address (stakeholder.relations@aeso.ca). The AESO Need Overview included this 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.

As directed by the AESO, the TFO was prepared to direct any Stakeholder questions addressed to the AESO, or questions regarding the AESO Need Overview, to the AESO.

6. Concerns and Objections Raised

One Stakeholder that received the AESO's Market Participant Notification Letter raised questions and concerns related to how its operations may be affected following the connection of the Cascade Power Plant Project Connection. The AESO responded to the Stakeholder by providing information about the following:

- the timing of the AESO's forthcoming NID application;
- how area loads might be affected following the connection of the Cascade Power Plant Project;
- how the Remedial Action Schemes (RAS's) and the *Real Time Transmission Constraint Management* (TCM) Rule apply to the Cascade Power Plant Project and other generation facilities;
- how and when the TCM Rule is applied; and
- the rationale for the AESO's market participant notification letter.

The AESO also encouraged the Stakeholder to contact the AESO directly with any outstanding questions or concerns.

The TFO has advised the AESO that none of the Stakeholders notified by the TFO identified any concerns or objections regarding the AESO's preferred option to respond to the system access service request or the need for development.

Apart from the inquiry above from the one Stakeholder, the AESO has not received any indication of concerns or objections about the AESO's preferred option to respond to the system access service request or the need for development.

7. List of Attachments

- Attachment 1 – AESO Need Overview (December 2019)
- Attachment 2 – AESO Stakeholder Newsletter Need Overview Notice (December 5, 2019)
- Attachment 3 – TFO Project Newsletter – *Cascade Combined Cycle Connection* (December 2019)
- Attachment 4 – AESO Market Participant Notification Letter (May 8, 2020)
- Attachment 5 – AESO Public Notification of NID Filing Website Posting (May 2020)
- Attachment 6 – AESO Stakeholder Newsletter NID Filing Notice (May 26, 2020)

Attachment 1 – AESO Need Overview (December 2019)

Need for the Cascade Power Plant Project Connection in the Edson area

Cascade Power Project Limited Partnership (Cascade Power) has applied to the AESO for transmission system access to connect its approved Cascade Power Plant Project (Facility) in the Edson area. Cascade Power's request can be met by the following solution:

PROPOSED SOLUTION

- Add three 240 kilovolt (kV) transmission lines to connect the Facility to the existing Bickerdike 39S substation.
- Modify the existing Bickerdike 39S substation, including adding four 240 kV circuit breakers.
- Add or modify associated equipment as required for the above transmission developments.

NEXT STEPS

- The AESO intends to apply to the Alberta Utilities Commission (AUC) for approval of the need in early 2020.
- The AESO's needs identification document (NID) application will be available on the AESO's website at www.aeso.ca/stakeholder-engagement/transmission-projects 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.

ALTALINK

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

WHO IS THE AESO?

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

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.

CONTACT US

Alberta Electric System Operator

AESO Stakeholder Relations
stakeholder.relations@aes0.ca
1-888-866-2959

2500, 330-5th Avenue SW
Calgary, AB T2P 0L4
Phone: 403-539-2450

www.aeso.ca | [@theaes0](https://twitter.com/theaes0)

Attachment 2 – AESO Stakeholder Newsletter Need Overview Notice (December 5, 2019)

December 5, 2019

AESO Stakeholder Newsletter

GRID

Cascade Power Plant Project Connection – Need for Transmission Development in the Edson area

Cascade Power Project Limited Partnership (Cascade Power) has applied to the AESO for transmission system access to connect its approved Cascade Power Plant Project (Facility) in the Edson area. Cascade Power's request can be met by the following solution:

- Add three 240 kilovolt (kV) transmission lines to connect the Facility to the existing Bickerdike 39S substation.
- Modify the existing Bickerdike 39S substation, including adding four 240 kV circuit breakers.
- Add or modify associated equipment as required for the above transmission developments.

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 Stakeholder Engagement > Transmission Projects > Cascade Power Plant Project.

**Attachment 3 – TFO Project Newsletter – *Cascade Combined Cycle Connection*
(December 2019)**

Electric system improvements near you

Cascade Combined Cycle Connection

AltaLink's transmission system efficiently delivers electricity to 85 per cent 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 Cascade Combined Cycle Connection project and we want your input.

Cascade Power Project Limited Partnership (Cascade Power) has requested a connection to the **transmission** system for their approved 900 megawatt Combined Cycle Power Generation facility. To facilitate this connection, AltaLink is proposing to relocate transmission lines, upgrade an existing substation and construct new transmission lines to connect Cascade Power's Whisky Jack Substation to the electric system.

If you have questions or concerns about Cascade Power's facility, please contact Cascade Power directly for more information. Their contact information is on the back of this newsletter.

We are providing you with:

- project details
- a map of the proposed project site
- information about how you can provide your input
- the project schedule

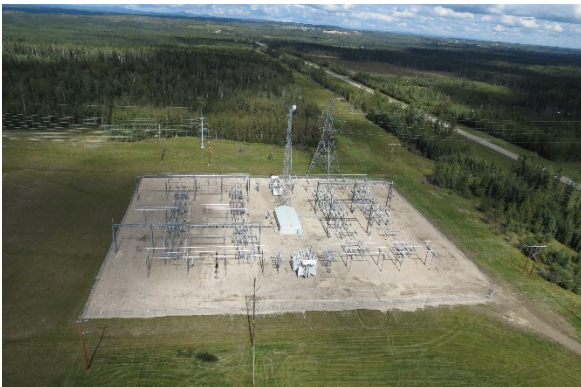
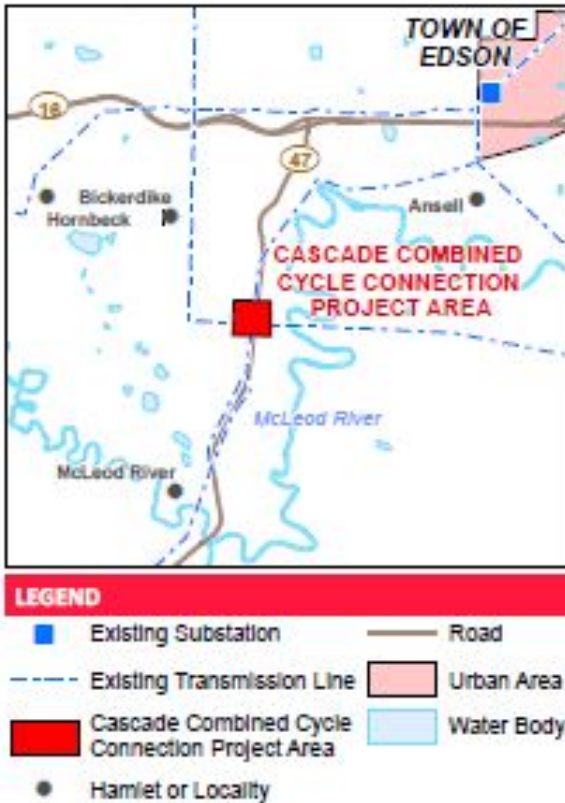
DEFINITION:

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 (toll-free)
stakeholderrelations@altalink.ca
www.altalink.ca/projects



AltaLink's existing Bickerdike Substation



The photos above are examples of what the proposed single circuit structures may look like.



The photo on the left is an example of the existing double circuit lattice towers that we are proposing to re-use.

Project Details

AltaLink's proposed project is located in Yellowhead County, approximately eight kilometres (km) southwest of the Town of Edson. The project is located entirely on Crown land.

For a detailed overview of the entire project, please refer to the detailed photo map (DP1) included in this package. This map includes right-of-way, additional easement, and construction workspace required for the proposed transmission line routes and the relocation of existing transmission lines.

To connect Cascade Power's proposed facility to the electric system, AltaLink is proposing the following:

Constructing new 240 kilovolt (kV) transmission lines

AltaLink is proposing to construct three new 240 kV transmission lines, each approximately one kilometre in length, to connect Cascade Power's approved Whisky Jack Substation to AltaLink's existing Bickerdike Substation.

Two of the new transmission lines (called 1135L and 1084L) will connect to the north side of AltaLink's Bickerdike Substation where the existing 973L and 974L transmission lines currently connect.

The other new transmission line (called 1168L) will connect to the south side of the Bickerdike Substation along with the relocated 973L and 974L transmission lines.

A combination of new right-of-way on Crown land, as well as existing right-of-way, will be required for the transmission lines.

Relocating existing transmission lines

Portions of three existing transmission lines currently connected to AltaLink's Bickerdike Substation need to be relocated to accommodate the connection of the new transmission lines:

- The existing 973L/974L double circuit 240 kV transmission line is currently connected to the north end of the Bickerdike Substation. When relocated, 973L and 974L will become two separate single circuit transmission lines.
- The existing 847L and 740L are two 138 kV transmission lines that are currently connected to the south end of the Bickerdike Substation.

Additional right-of-way will be required on Crown land to facilitate the relocation of these transmission lines.

Upgrading and expanding the Bickerdike Substation

The existing Bickerdike Substation is located in SW-28-52-18-W5. In order to connect Cascade's approved Whisky Jack Substation to AltaLink's Bickerdike Substation, four new circuit breakers and associated equipment are required at the Bickerdike Substation. To accommodate the new equipment, the Bickerdike Substation fence line needs to expand by approximately 110 metres x 12-15 metres to the east within AltaLink's existing Crown land lease area.

Transmission structures

The new transmission structures will:

- be steel or wood H-frame, three pole, or monopole structures
- be approximately 20 to 40 metres tall
- have a span length of approximately 20 to 250 metres between structures

Guy wires will be required for corner and angle structures. Additional easements ranging from approximately 25 x 10 metres to 45 x 10 metres will be required to accommodate guy anchors.

The new 1135L/1084L double circuit transmission line will utilize the existing right-of-way of the 973L/974L transmission line after it is relocated. In this location we are proposing to use the existing double circuit lattice towers that are already in place. These towers are approximately 40 to 45 metres tall.

Electric and Magnetic Fields (EMF)

AltaLink recognizes that people may have concerns about exposure to Electric and Magnetic Fields (EMF) and we take those concerns 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 Health Canada and the World Health Organization (WHO) 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 landowners, residents and occupants near the proposed project to gather input and address questions or concerns. After the consultation process is complete we will file an application with the Alberta Utilities Commission (AUC). 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 a proposed utility development*.

INCLUDED IN THIS INFORMATION PACKAGE:

- Project map
- AESO Need Overview
- AUC brochure: *Public involvement in a proposed utility development*

Anticipated project schedule

Notify and consult with stakeholders	December 2019
File application with Alberta Utilities Commission (AUC)	March 2020
Start construction if project is approved	November 2020
Construction completed	August 2021

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

1-877-269-5903 (toll free)

E-mail: stakeholderrelations@altalink.ca

Website: www.altalink.ca/projects

To learn more about Cascade's project, please contact:

CASCADE POWER

1-855-955-3056

E-mail: info@cascadepower.ca

Website: www.cascadepower.ca

To learn more about Alberta's electric system and the need for the project, please contact:

ALBERTA ELECTRIC SYSTEM OPERATOR

1-888-866-2959 (toll-free)

Email: stakeholder.relations@aeso.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 or the proposed transmission development to meet the need, you may contact the AESO directly. You can 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.

To learn more about the application and review process, please contact:

ALBERTA UTILITIES COMMISSION (AUC)

780-427-4903 (toll-free by dialing 310-0000 before the number.)

E-mail: consumer-relations@auc.ab.ca

SUBSCRIBE TO THIS PROJECT

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- 2) Search for the project title
- 3) Click **Subscribe to Updates**

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Attachment 4 – AESO Market Participant Notification Letter (May 8, 2020)

May 08, 2020

Notified Market Participant Corporate Legal Name
Address Line 1.
Address Line 2.
City, Province, Postal Code.

Dear **Notified Market Participant Primary Contact:**

Re: **Cascade Power Plant Project Connection**

The Alberta Electric System Operator (AESO) would like to advise you that Cascade Power Project Limited Partnership (Cascade Power) has applied for transmission system access to connect its approved Cascade Power Plant Project (approved Facility) to the Alberta interconnected electric system (AIES) in the AESO Central Planning Region.

A copy of the AESO Need Overview document is attached for your information. The AESO Need Overview describes the AESO's proposed transmission development to connect the approved Facility to the AIES, and the AESO's next steps, which include submitting a needs identification document (NID) application to the Alberta Utilities Commission (AUC) for approval.

The purpose of this letter is to advise you that the AESO has identified that, under credible worse case forecast conditions, the operation of the **[Effective Generation Facility Name] ([Effective Generation Facility Asset ID])** may be affected following the connection of the approved Facility.¹

Connection Assessment Findings

An engineering connection assessment was carried out by the AESO to assess the transmission system performance following the connection of the approved Facility. The connection assessment identified the potential for marginal thermal criteria violations, under credible worse case forecast conditions, with all transmission facilities in service (Category A). Thermal criteria violations were also identified when a single transmission facility is out of service (Category B).

Transmission Constraint Management

Should the AESO determine that mitigation is required to address potential marginal thermal criteria violations under Category A conditions, the AESO may develop operational procedures or other mitigation measures. In addition, to address potential thermal criteria violations under Category B conditions, the AESO may implement new remedial action schemes (RASS) or other mitigations, as required.

The AESO may also make use of real-time operational procedures to mitigate these potential thermal criteria violations, in accordance with Section 302.1 of the ISO rules, *Real Time Transmission Constraint Management* (TCM Rule). When applied, the TCM Rule could result in the AESO issuing directives for curtailment to source assets that are effective in managing a constraint.

¹ The studies were performed assuming the Rate STS, *Supply Transmission Service*, contract capacity of 900 MW.

The connection assessment identified source assets, including the **[Effective Generation Facility Name]** (**[Effective Generation Facility Asset ID]**), which are effective in mitigating the potential transmission constraints.

At this time, the identified thermal criteria violations are not expected to result in congestion under Category A conditions. However, closer to the in-service date, if the AESO determines that congestion will arise under Category A conditions, the AESO will make an application to the Alberta Utilities Commission to obtain approval for an “exception” under Section 15(2) of the *Transmission Regulation*. The AESO will notify market participants if and when the AESO determines it is necessary to apply to the AUC for approval of such an exception.

For Further Information

The engineering connection assessment will be included in the AESO’s Cascade Power Plant Project Connection NID application. Following submission of the NID application to the AUC, the NID application will be posted on the AESO website at: <https://www.aeso.ca/stakeholder-engagement/transmission-projects/>

If you have any questions or concerns, please contact the AESO at 1-888-866-2959 or stakeholder.relations@aeso.ca

Attachments:

AESO Need Overview: *Need for the Cascade Power Plant Project Connection in the Edson area*

Need for the Cascade Power Plant Project Connection in the Edson area

Cascade Power Project Limited Partnership (Cascade Power) has applied to the AESO for transmission system access to connect its approved Cascade Power Plant Project (Facility) in the Edson area. Cascade Power's request can be met by the following solution:

PROPOSED SOLUTION

- Add three 240 kilovolt (kV) transmission lines to connect the Facility to the existing Bickerdike 39S substation.
- Modify the existing Bickerdike 39S substation, including adding four 240 kV circuit breakers.
- Add or modify associated equipment as required for the above transmission developments.

NEXT STEPS

- The AESO intends to apply to the Alberta Utilities Commission (AUC) for approval of the need in early 2020.
- The AESO's needs identification document (NID) application will be available on the AESO's website at www.aeso.ca/stakeholder-engagement/transmission-projects 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.

ALTALINK

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

WHO IS THE AESO?

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

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.

CONTACT US

Alberta Electric System Operator

AESO Stakeholder Relations
stakeholder.relations@aes0.ca
1-888-866-2959

2500, 330-5th Avenue SW
Calgary, AB T2P 0L4
Phone: 403-539-2450

www.aeso.ca | [@theaes0](https://twitter.com/theaes0)

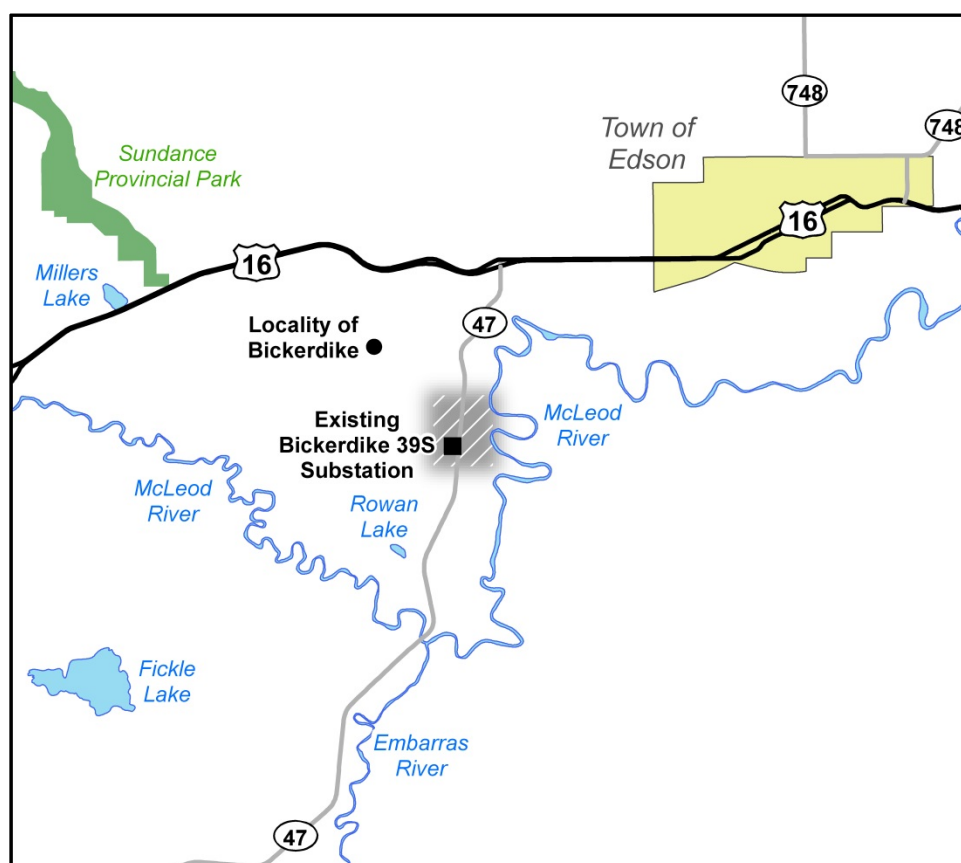
Attachment 5 – AESO Public Notification of NID Filing Website Posting (May 2020)

Notification of Needs Identification Document Filing Addressing the Need for the Cascade Power Plant Project Connection in the Edson Area

The Alberta Electric System Operator (AESO) advises you that it intends to file a Needs Identification Document (NID) for the Cascade Power Plant Project Connection with the Alberta Utilities Commission (AUC) on or after June 26, 2020.

Cascade Power Project Limited Partnership (Cascade Power) has applied to the AESO for transmission system access to connect its approved Cascade Power Plant Project (Facility) in the Edson area. Cascade Power's request can be met by the following solution:

- Add three 240 kilovolt (kV) transmission lines to connect the Facility to the existing Bickerdike 39S substation in a radial configuration.
- Modify the existing Bickerdike 39S substation, including adding four 240 kV circuit breakers.
- Add or modify associated equipment as required for the above transmission developments.



The black square on the map indicates the approximate location of the existing Bickerdike 39S substation, which is at SW-28-52-18W5. The grey shaded area on the map indicates the approximate location of the proposed transmission developments, including the 240 kV transmission lines. The specific transmission facilities may extend beyond the grey shaded area shown.

AltaLink Management Ltd. is the transmission facility owner (TFO) in the Edson area. In December 2019, the AESO and the TFO began presenting this need to stakeholders, including residents, occupants, landowners, and First Nations. The AESO will apply to the AUC for approval of the need for this transmission development. Once filed with the AUC, the NID will be posted on the AESO website at <https://www.aeso.ca/stakeholder-engagement/transmission-projects/cascade-power-plant-project-connection/>

In a separate application, called a Facility Application, the TFO will provide more details about the specific facilities associated with the AESO's proposed transmission development, and will request AUC approval to construct and operate these facilities.

For more information, please visit our website, www.aeso.ca or contact us at 1-888-866-2959 or stakeholder.relations@aesocanada.com.

Attachment 6 – AESO Stakeholder Newsletter NID Filing Notice (May 26, 2020)

AESO Stakeholder Newsletter



Cascade Power Plant Project Connection – Notice of NID Filing

Cascade Power Project Limited Partnership (Cascade Power) has applied to the AESO for transmission system access to connect its approved Cascade Power Plant Project (Facility) in the Edson area. Cascade Power's request can be met by the following solution:

- Add three 240 kilovolt (kV) transmission lines to connect the Facility to the existing Bickerdike 39S substation in a radial configuration.
- Modify the existing Bickerdike 39S substation, including adding four 240 kV circuit breakers.
- Add or modify associated equipment as required for the above transmission developments.

The AESO intends to file the Cascade Power Plant Project Connection Needs Identification Document (NID) application with the Alberta Utilities Commission (AUC) on or after June 26, 2020, requesting that the AUC approve this NID.

The AESO has posted the Notification of 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 Stakeholder Engagement > Transmission Projects > Cascade Power Plant Project Connection to see all the relevant documents, including the NID application once it is filed with the AUC.