

## **APPENDIX C   AESO PIP**

## 1. Introduction

From December 2019 to March 2020, the AESO conducted a Participant Involvement Program (PIP) to assist in preparing its *Cypress Wind Power 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.

## 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/cypress-wind-power-project-connection/> and a notice was published in the AESO Stakeholder Newsletter on December 3, 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 transmission line and 100 metres of the underground fibre optic installation as recommended by the Commission in Appendix A1 of AUC Rule 007.<sup>1</sup>

The TFO notified a total of approximately 20 Stakeholders, of which 6 were classified as private or individual landowners. The other 14 notified Stakeholders and the TFO's rationale for their inclusion in the PIP are listed in Table 2.

**Table 2: Summary of Notified Agency and Industry Stakeholders Notified by the TFO**

Stakeholder	TFO's Rationale for Inclusion in the PIP
Alberta Culture, Multiculturalism and Status of Women	Provincial requirements
Alberta Environment and Parks – Regional Approvals	Provincial requirements
Alberta Environment and Parks – Resource Management Program	Provincial requirements
Alberta Transportation	Provincial requirements
City of Medicine Hat	Municipal requirements
Cypress County	Municipal requirements
Cypress Renewable Energy Centre GP	Oil and Gas Encumbrance holder in project notification area
FortisAlberta Inc.	Distribution facility owner in the project notification area
NAV CANADA	Federal requirements
Rogers Communications Inc.	Telecommunications facility owner in project notification area
Sanling Energy Ltd.	Oil and Gas Encumbrance holder in project notification area
Telus Communications Company	Telecommunications facility owner in project notification area
The Eden Gas Company Ltd.	Oil and Gas Encumbrance holder in project notification area
Transport Canada	Federal requirements

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 between December 2, 2019 and January 8, 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/336/cypress-wind-power-connection> on December 2, 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.

<sup>1</sup> AltaLink has identified its facility application to be of the type: *Overhead transmission line and new substation development – rural or industrial setting*, as categorized in AUC Rule 007, Appendix A1, Section 5.

### 3. 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/cypress-wind-power-project-connection/> and a publishing notice in the AESO Stakeholder Newsletter on March 3, 2020. Copies of the Notification of NID Filing posting and the AESO Stakeholder Newsletter notice have been included as Attachments 4 and 5, respectively.

### 4. 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](mailto:stakeholder.relations@aeso.ca)). The AESO Need Overview included this contact information, along with the AESO's mailing address (2500, 330 5<sup>th</sup> Ave. SW, Calgary) and website address ([www.aeso.ca](http://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.

### 5. Concerns and Objections Raised

The TFO has advised that Stakeholders have not identified any concerns or objections regarding the AESO's preferred option to respond to the system access service request or the need for development. The AESO has not received any concerns or objections from any party about the AESO's preferred option to respond to the system access service request or the need for development.

### 6. List of Attachments

- Attachment 1 – AESO Need Overview (November 2019)
- Attachment 2 – AESO Stakeholder Newsletter Need Overview Notice (December 3, 2019)
- Attachment 3 – TFO Project Newsletter – *Cypress Wind Power Connection* (November 2019)
- Attachment 4 – AESO Public Notification of NID Filing Website Posting (March 2020)
- Attachment 5 – AESO Stakeholder Newsletter NID Filing Notice (March 3, 2020)

**Attachment 1 – AESO Need Overview (November 2019)**

# Need for the Cypress Wind Power Project Connection in the Dunmore Area

*Cypress Renewable Energy Centre LP. (Cypress) has applied to the Alberta Electric System Operator (AESO) for transmission system access to connect its proposed Cypress Wind Power Project (Facility) in the Dunmore Area. Cypress' request can be met by the following solution:*

## PROPOSED SOLUTION

- Add one 240 kilovolt (kV) transmission line to connect the Facility to the existing 240 kV transmission line 983L in a T-tap configuration.
- 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](http://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 Dunmore 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](mailto:stakeholder.relations@aes0.ca)  
1-888-866-2959

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

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

**Attachment 2 – AESO Stakeholder Newsletter Need Overview Notice (December 3, 2019)**

December 3, 2019

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# AESO Stakeholder Newsletter

## GRID

### **Cypress Wind Power Project Connection – Need for Transmission Development in the Dunmore area**

Cypress Renewable Energy Centre LP. (Cypress) has applied to the AESO for transmission system access to connect its proposed Cypress Wind Power Project (Facility) in the Dunmore Area. Cypress' request can be met by the following solution:

- Add one 240 kilovolt (kV) transmission line to connect the Facility to the existing 240 kV transmission line 983L in a T-tap configuration.
- 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](http://www.aeso.ca) and follow the path Stakeholder Engagement > Transmission Projects > Cypress Wind Power Project Connection.



**Attachment 3 – TFO Project Newsletter – Cypress Wind Power Connection (November 2019)**

# Electric system improvements near you

## Cypress Wind Power 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](http://www.altalink.ca).

You are receiving this newsletter because you are near the Cypress Wind Power Connection project and we want your input.

Cypress Renewable Energy Centre LP. (Cypress) has requested a connection to the **transmission** system for their proposed Cypress Wind Power Project. The Cypress Wind Power project will supply electricity to the grid through their proposed Woolchester Substation.

AltaLink is proposing to construct a new transmission line, to connect Cypress' proposed Woolchester Substation to the electric system by connecting it to an existing AltaLink transmission line in the area. The proposed project is located approximately 18 km southeast of the City of Medicine Hat.

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

If you have questions about Cypress' proposed Cypress Wind Power Project, please see their contact information on the back of this newsletter.

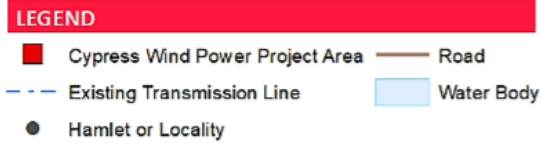
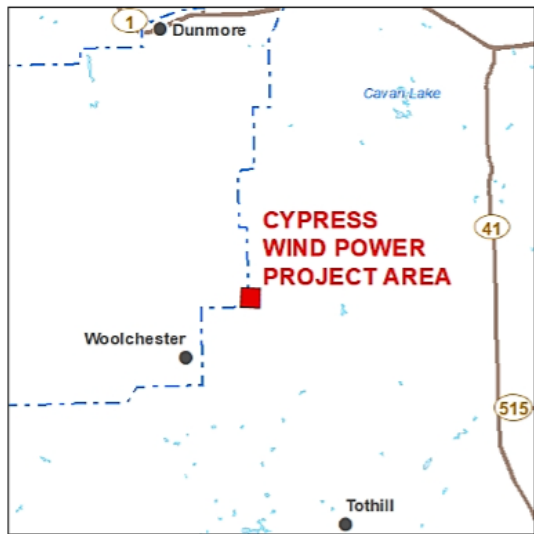
#### DEFINITION:

### 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

1-877-269-5903  
[stakeholderrelations@altalink.ca](mailto:stakeholderrelations@altalink.ca)  
[www.altalink.ca/projects](http://www.altalink.ca/projects)



*Above: The new structures will look similar to the photo above.*

### Project details

AltaLink’s proposed project involves constructing approximately 70 metres of new 240 kilovolt (kV) transmission line to connect Cypress’s proposed Woolchester Substation to the transmission system in NW-20-10-4-W4. The new transmission line will be called 983AL and will connect to AltaLink’s existing 983L transmission line.

The new transmission line will:

- consist of single-pole steel structures
- be single circuit
- be approximately 30 to 40 metres tall
- have a right-of-way of approximately 40 metres wide on private property

AltaLink is also proposing to install a new underground fibre optic telecommunications cable. The cable will be buried within the 983L and 983AL transmission line right-of-ways. The fibre optic cable will allow us to communicate effectively with our control system to ensure the safe and reliable operation of the transmission system.

Construction workspace will be required on private land and is shown on the attached Detail Photo Map (DP1). Where private land access is required, AltaLink will contact stakeholders accordingly.

Please refer to the attached DP1 Map for the location of the proposed transmission line and underground fibre optic cable.

## 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](http://www.altalink.ca/emf)

Email: [emfdialogue@altalink.ca](mailto: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*.

## Anticipated project schedule

Notify and consult with stakeholders	Fall 2019
File application with Alberta Utilities Commission (AUC)	Winter 2020
Start construction if project is approved	Winter 2021
Construction completed	Spring 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](mailto:stakeholderrelations@altalink.ca)

Website: [www.altalink.ca/projects](http://www.altalink.ca/projects)

*To learn more about Cypress' wind project, please contact:*

### **CYPRESS RENEWABLE ENERGY CENTRE L.P.**

Mark Gallagher, Development Manager

403-448-3922

E-Mail: [Mark.Gallagher@edf-re.com](mailto:Mark.Gallagher@edf-re.com)

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

### **ALBERTA ELECTRIC SYSTEM OPERATOR (AESO)**

1-888-866-2959 (toll-free) [stakeholder.relations@aeso.ca](mailto:stakeholder.relations@aeso.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, please refer to the AESO's Need Overview included with this package, or visit [www.aeso.ca](http://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](mailto:consumer-relations@auc.ab.ca)

## **PRIVACY COMMITMENT**

AltaLink is committed to protecting your privacy. Collected personal information will be protected under AltaLink's Privacy Policy and the Personal Information Protection Act. As part of the regulatory process for new transmission projects, AltaLink may provide your personal information to Alberta Utilities Commission (AUC). For more information about how AltaLink protects your personal information, visit our website at [www.altalink.ca/privacy](http://www.altalink.ca/privacy) or contact us directly via e-mail [privacy@altalink.ca](mailto:privacy@altalink.ca) or phone at 1-877-267-6760.

## INCLUDED IN THIS INFORMATION PACKAGE:

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

## SUBSCRIBE TO THIS PROJECT

- 1) Visit: [altalink.ca/projects](http://altalink.ca/projects)
- 2) Search for the project title
- 3) Click **Subscribe to Updates**

## LET'S TALK TRANSMISSION



[www.twitter.com/altalink](http://www.twitter.com/altalink)



[www.facebook.com/altalinktransmission](http://www.facebook.com/altalinktransmission)

**Attachment 4 – AESO Public Notification of NID Filing Website Posting (March 2020)**

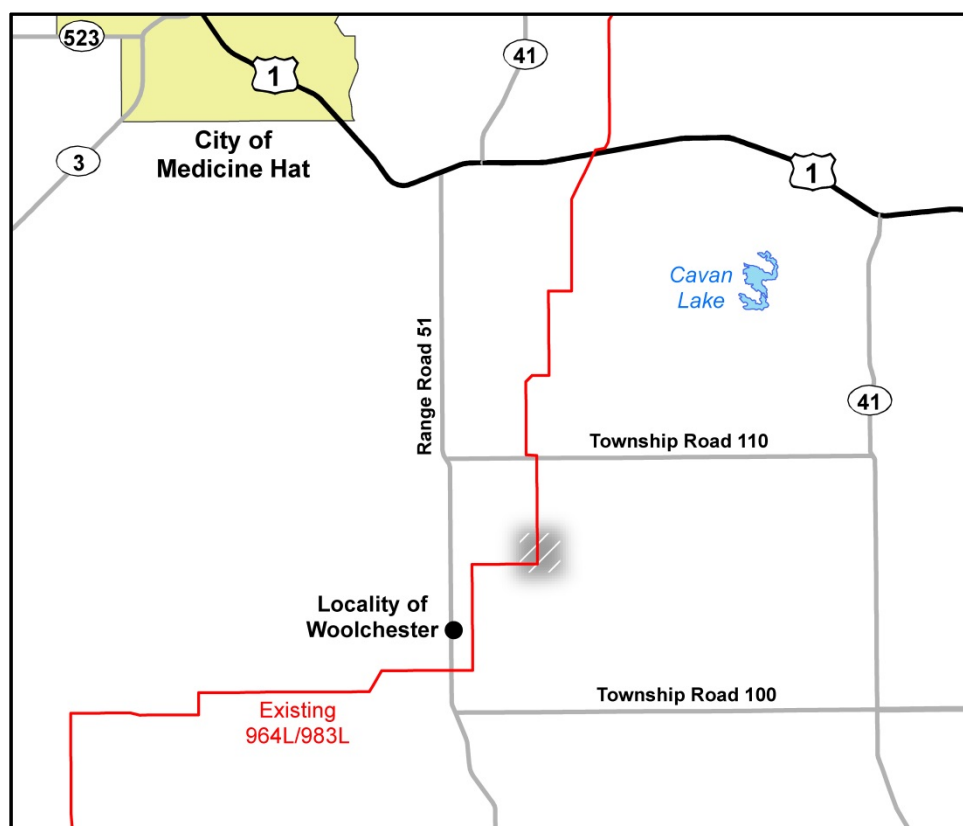


## Notification of Needs Identification Document Filing Addressing the Need for the Cypress Wind Power Project Connection in the Dunmore Area

The Alberta Electric System Operator (AESO) advises you that it intends to file a Needs Identification Document (NID) for the Cypress Wind Power Project Connection with the Alberta Utilities Commission (AUC) on or after March 18, 2020.

Cypress Renewable Energy Centre LP. (Cypress) has applied to the AESO for transmission system access to connect its approved Cypress Wind Power Project (Facility) in the Dunmore area. Cypress' request can be met by the following solution:

- Add one 240 kilovolt (kV) transmission line to connect the Facility to the existing 240 kV transmission line 983L in a T-tap configuration.
- Add or modify associated equipment as required for the above transmission developments.



The grey shaded area on the map indicates the approximate location of the proposed transmission developments, including the 240 kV transmission line. The specific transmission facilities may extend beyond the grey shaded area shown.

AltaLink Management Ltd. is the transmission facility owner (TFO) in the Dunmore area. In December 2019, the AESO and the TFO began presenting this need to stakeholders, including residents, occupants, and landowners. 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/cypress-wind-power-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](http://www.aeso.ca) or contact us at 1-888-866-2959 or [stakeholder.relations@aeso.ca](mailto:stakeholder.relations@aeso.ca).

**Attachment 5 – AESO Stakeholder Newsletter NID Filing Notice (March 3, 2020)**



March 3, 2020

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# AESO Stakeholder Newsletter

## GRID

### **Cypress Wind Power Project Connection – Notice of NID Filing**

Cypress Renewable Energy Centre LP. (Cypress) has applied to the Alberta Electric System Operator (AESO) for transmission system access to connect its approved Cypress Wind Power Project (Facility) in the Dunmore area. Cypress' request can be met by the following solution:

- Add one 240 kilovolt (kV) transmission line to connect the Facility to the existing 240 kV transmission line 983L in a T-tap configuration.
- Add or modify associated equipment as required for the above transmission developments.

The AESO intends to file the Cypress Wind Power Project Connection Needs Identification Document (NID) application with the Alberta Utilities Commission (AUC) on or after March 18, 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](http://www.aeso.ca) and follow the path Stakeholder Engagement > Transmission Projects > Cypress Wind Power Project-Connection to see all the relevant documents, including the NID application once it is filed with the AUC.