

Attachment 3 - Participant Involvement Program Summary

Empress 394S Substation Upgrade

1.0 Participant Involvement Program (PIP)

From February to June 2016, AltaLink Management Ltd. (AltaLink), acting as the transmission facility operator (TFO) in the McNeill area, conducted a Participant Involvement Program (PIP) for the Empress 394S substation upgrade (Project).

AltaLink was directed by the AESO to include AESO notification information in its TFO Consultation Materials to serve as the AESO's Notification of the need to respond to the Market Participant's system access service request (MP's SASR) for the Project.

The TFO Consultation Materials included a Project information brochure that described the major facilities required to respond to the MP's SASR. The TFO included the AESO notification information (AESO Notification paragraph) in each of its Project information brochure.

1.1 Stakeholder Notification

The TFO'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 Environment and Parks – Resource Management Program
- Alberta Environment and Parks – Land Approvals
- Alberta Ethane Development Company (Veresen Inc.)
- Cypress County
- Direct Energy Marketing Ltd.
- Encana Corporation
- Foothills Pipe Lines (Alta) Ltd. (c/o TransCanada Pipelines Limited)
- FortisAlberta Inc.
- Inter Pipeline Extraction Ltd.
- Nova Gas Transmission Ltd. (c/o TransCanada Pipelines Limited)
- Plains Midstream Canada ULC
- Spectra Energy Empress Managements Inc.
- TELUS Communications Company
- 1195714 Alberta Ltd. (Pembina Pipeline Corporation)

The TFO used a variety of methods to notify Stakeholders on the need for the Empress 394S substation upgrade. The TFO Consultation Materials, which included the AESO Notification paragraph, were mailed and/or emailed to the Stakeholders noted above between February 10, 2016 and April 15, 2016. In addition, the TFO Consultation Materials were posted on the AltaLink project-specific webpage on February 10, 2016 at <http://www.altalink.ca/projects/view/232/fortis-empress-substation-upgrade>. Attachment A includes a copy of AltaLink's Project information brochure.

The AESO also posted the AESO Notification paragraph and a link to AltaLink's project-specific webpage on the AESO Project webpage at <http://www.aeso.ca/transmission/33223.html> and a notice was published in the AESO Stakeholder Newsletter on February 11, 2016. Attachment B includes a copy of the AESO Stakeholder Newsletter notice.

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).

As directed by the AESO, the TFO was prepared to direct any inquiries or concerns about the need for the Proposed Transmission Development 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 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.

1.3 List of Attachments

- Attachment A – AltaLink's Project Information Brochure – *Fortis Empress Substation Upgrade* (February 2016)
- Attachment B – AESO Stakeholder Newsletter Notice

Attachment A – AltaLink’s Project Information Brochure – *Fortis Empress Substation Upgrade* (February 2016)

Electric system improvements near you

Fortis Empress Substation Upgrade

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 Fortis Empress **Substation** Upgrade project and we want your input.

FortisAlberta has requested this project to help improve the reliability of the power system in the area.

Transmission system reinforcements in the area are required to ensure that residents, businesses and industrial facilities continue to have a reliable supply of electricity for years to come.

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

You may have been contacted by AltaLink recently regarding our capital maintenance project to replace a transformer at the Empress Substation, which is separate from the project outlined in this newsletter. Please contact us if you would like more information on either project.

DEFINITION:

Substation

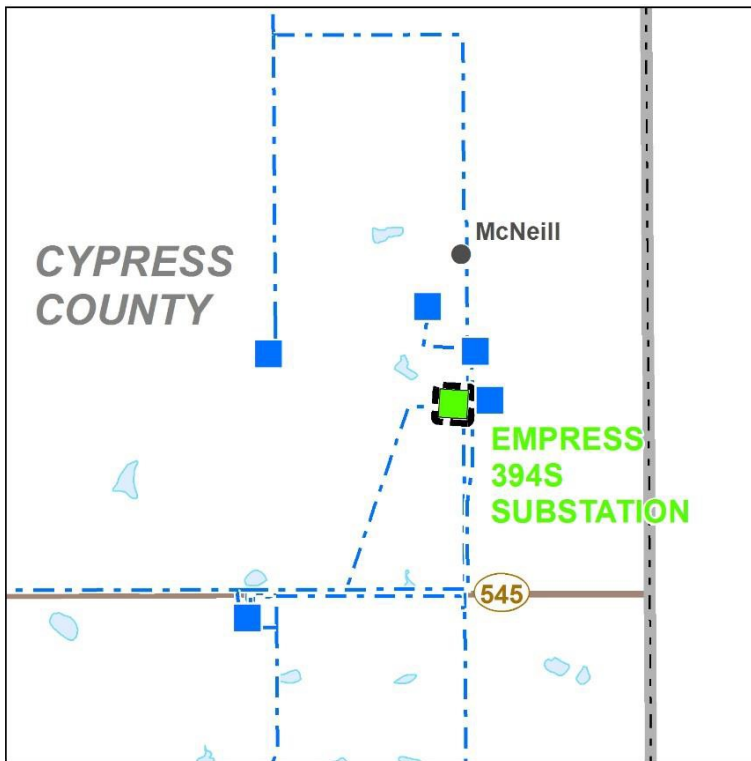
Substations are the connection points between power lines of varying voltages and contain equipment that controls and protects the flow of power.

CONTACT US








1-877-267-1453

stakeholderrelations@altalink.ca

www.altalink.ca/projects



LEGEND

-  Proposed Upgrade to Existing Substation
-  Existing Substation
-  Existing Transmission Line
-  Hamlet or Locality
-  Municipal or County Boundary
-  Road
-  Water Body

Project details

The proposed project involves upgrades to the Empress Substation (SE-11-20-1-W4M), located in Cypress County.

The upgrades include adding a 25 kilovolt (kV) voltage regulator and 138 kV circuit breaker.

A voltage regulator ensures voltages remain stable and do not fluctuate within a substation.

A circuit breaker is an electrical switch that protects substation equipment and will help ensure the safety and reliability of the electric system.

We are also proposing to move an existing distribution feeder, which connects to lower-voltage distribution lines entering the substation. A feeder includes circuit breakers that protect the distribution lines.

All work will take place within the existing substation property and no fence expansion is required. No new land will be needed for the project.

During construction, a mobile substation may be used to maintain electrical service and reliability in the area. It may be located outside the substation fence but remain on AltaLink leased land.



Above: The existing Empress Substation.

Electric and Magnetic Fields (EMF)

Altalink recognizes that people have concerns about exposure to Electric and Magnetic Fields (EMF) and we take those concerns very 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 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 substation 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	February 2016
File application with Alberta Utilities Commission (AUC)	June 2016
Start construction if project is approved	September 2016
Construction completed	April 2017

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

1-877-267-1453 (toll-free)

E-mail: stakeholderrelations@altalink.ca

Website: www.altalink.ca/projects

To learn more about the customer for this project, please contact:

FORTISALBERTA

Grant Wiens

Manager, Distribution Planning

780-464-8380

E-mail: grant.wiens@fortisalberta.com

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

ALBERTA ELECTRIC SYSTEM OPERATOR (AESO)

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. FortisAlberta Inc.

(FortisAlberta) has applied to the AESO for transmission system access to improve reliability in the McNeill area. The AESO may approve the application for system access under the AESO's abbreviated needs approval process or the AESO may file an abbreviated needs identification document for approval by the Alberta Utilities Commission. For more information on this system access service request please contact:

Phone: 1-888-866-2959

E-mail: stakeholder.relations@aeso.ca

www.aeso.ca

Questions or concerns that you provide to an AltaLink representative may be disclosed by AltaLink 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

PRIVACY COMMITMENT

AltaLink is committed to protecting your privacy. Collected personal information will be protected under AltaLink's Privacy Policy and the Freedom of Information and Protection of Privacy 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 or contact us directly via e-mail privacy@altalink.ca or phone at 1-877-267-6760.

INCLUDED IN THIS INFORMATION PACKAGE:

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

SUBSCRIBE TO THIS PROJECT

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

LET'S TALK TRANSMISSION



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www.facebook.com/altalinktransmission

Attachment B – AESO Stakeholder Newsletter Notice

Empress 394S Substation Upgrade – Need for Transmission System Development in the McNeill area

FortisAlberta Inc. has applied to the AESO for transmission system access to improve reliability in the McNeill area. FortisAlberta's request can be met by upgrading the existing Empress 394S substation, including adding a 138 kV circuit breaker, a 25 kV voltage regulator, and associated equipment.

The AESO has posted information for this project on its website. Please [click here](#) to view the information or visit the AESO website at www.aeso.ca and follow the path Transmission > Needs Identification Documents > Empress 394S Substation Upgrade to see all the relevant documents.