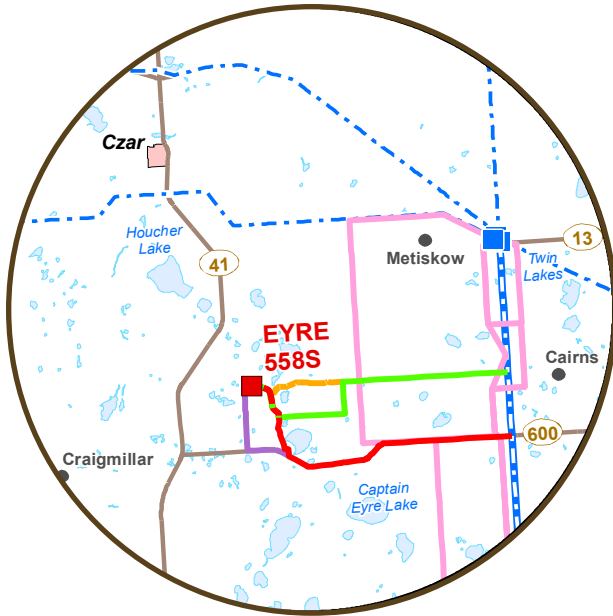


Proposed Eyre Substation Interconnection

April 2010 **ALTALINK**



Why are you receiving this newsletter?

You are receiving this newsletter because you are a resident, occupant or landowner located near the proposed Eyre Substation Interconnection project, located in the Municipal District of Provost No.52, and we want your input.

What does this project involve?

Altalink is proposing to:

- Build a new substation
- Install a telecommunications tower within the proposed substation site
- Build approximately 15 kilometres (km) of new transmission line
- Connect the proposed transmission line to ATCO Electric's existing transmission line

We want to provide you with:

- Project details
- A project schedule
- A map of the project area
- Information of how you can provide input

Who is AltaLink?

AltaLink owns transmission facilities in the area and is consulting with you about this project. We are based in Alberta and own and operate approximately 11,800 kilometres of transmission lines and approximately 270 substations. We provide electric service to more than 85 per cent of Albertans and own the majority of the transmission system in central and southern Alberta. To find out more about AltaLink, or if you have any questions please contact us at 1-877-267-1543.

Electricity. When you need it.

What are the project details?

New 144 kV Substation

Altalink is proposing to build a new 144 kilovolt (kV) substation, called Eyre 558S, southeast of Houcher Lake and Highway 41. The proposed substation site will be located on land owned by TransCanada Keystone Pipeline Limited Partnership and will be constructed immediately adjacent to TransCanada's Keystone XL Pipeline. Please refer to the enclosed map for further details of the location of AltaLink's proposed Eyre 558S Substation.



The proposed substation site will be 60 metres x 60 metres (197 feet) in size and will include associated equipment, such as a transformer, that reduces the voltage of electricity carried on the transmission system. It will also include a 25 metre high telecommunications tower. The substation site will be surrounded by a chain link fence and accessible through a locked gate by authorized personnel only. It will be similar to the substation pictured to the left.

New 138 kV Transmission Line

AltaLink is proposing to build approximately 15 kilometres of new 138 kV single circuit transmission line. The line will be called 402L and will be built between AltaLink's proposed Eyre 558S Substation and ATCO Electric's existing transmission line, called 7L224. The line will be built with single wooden pole structures that are approximately 20 metres (65 feet) high and will be spaced approximately 120 metres (394 feet) apart. The transmission line right-of-way (a physical strip of land required for a transmission line) will be approximately 20 metres wide. It will be similar to the transmission line pictured below.

Altalink has identified four possible routes for the proposed transmission line. These are identified as routes A1, B1, C1 and D1 on the map included with this information package. We want your input about these routes so we can select the one with the least overall impact.

Interconnection to ATCO Electric's 7L224 Transmission Line

Altalink's proposed 402L transmission line will be connected to ATCO Electric's existing 7L224 transmission line. This connection is called a Tap and will be coordinated with ATCO Electric to allow the proposed Eyre 558S Substation to connect through ATCO Electric's 7L224 transmission line to Altalink's Hansman Lake 650S Substation. For more information about AltaLink's Hansman Lake 650S Substation, please visit www.altalink.ca/hanna.





Telecommunications Tower

As part of the proposed Eyre 558S Substation project, AltaLink will be installing a telecommunications tower. The tower will be located inside the proposed 558S substation fence. The purpose of the telecommunications tower is to support equipment that transmits data to our system control centre. It will be used by the AltaLink Control Centre for remote control operation of the electrical system, as well as private voice communications to staff on site, allowing us to monitor the safety and reliability of our electrical system.

The tower will be approximately 25 metres (80 feet) tall with a triangle base dimension of approximately two metres (6.4 feet). The telecommunications tower will be self supporting and there will be antennas attached at or near the top of the tower. It may be painted and have obstruction lighting to meet the requirements of Transport Canada. The proposed telecommunications tower will be similar to the one pictured on the left.

For more information regarding AltaLink and this project, please contact us at:

Website: www.altalink.ca/regionalprojects

Telephone: 1-877-267-1453

E-mail: siting.consultation@altalink.ca

If you have any questions or concerns regarding the telecommunications tower please contact AltaLink within 30 days of receiving this notification.

For general information relating to antenna systems contact Industry Canada:

Website: <http://strategis.ic.gc.ca/antenna>

Telephone: 613-954-5031

Toll-free: 1-800-328-6189 (Canada).

Richard Hird, P.Eng., AltaLink
Manager, Network Communications

Richard Hird attests that the radio installation described in this notification package will be installed and operated on an ongoing basis so as to comply with Health Canada's Safety Code 6, which defines safe levels of radio frequency, (RF), exposure. The radio system described is excluded from the environmental assessment under the Canadian Environmental Assessment Act. To ensure the structural adequacy of the tower, the design and installation will follow industry standards and sound engineering practices.

Electricity. When you need it.

Why is this project needed?

The Alberta Electric System Operator (AESO) has determined the need to connect TransCanada's Keystone XL Pipeline to the electricity grid. The AESO has determined that AltaLink's proposed Eyre 558S Substation and 402L transmission line are required to provide this connection. For more information about the need for this project, please refer to the AESO Need Overview included with this package. The AESO is an independent, not-for-profit entity responsible for the safe, reliable and economic planning and operation of the Alberta Interconnection Electric System.

Included in this Stakeholder Information Package:

- Maps illustrating the project area and transmission line route options
- A Dialogue on Electric & Magnetic Fields
- Good Neighbours
- Public Involvement in Needs or Facilities Applications
- The Alberta Electric System Operator's Need Overview

What is the project schedule?

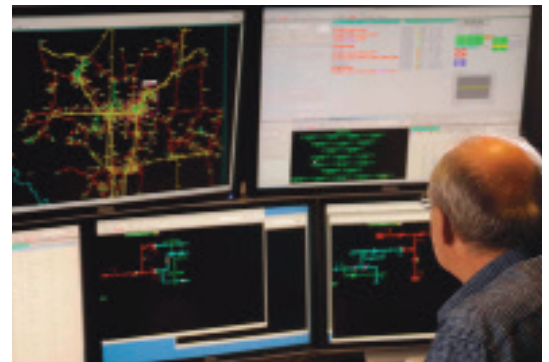
April/May 2010	Notify and consult with stakeholders
June 2010	File application with Alberta Utilities Commission (AUC)
September 2011	Begin project construction if approval is granted by AUC
March 2012	Complete project construction

What about Electric and Magnetic Fields (EMF)?

AltaLink recognizes that some people are concerned about EMF and we treat those concerns very seriously. AltaLink has experts who are available on request to measure the EMF or noise levels around your home, and ensure that all undergrounded metallic objects such as metal buildings and fences near the transmission line are properly grounded if necessary. For more information please refer to the brochure titled *A Dialogue on Electric & Magnetic Fields* included with this package.

What happens during construction?

Depending on where you are in relation to the project you may see or hear construction crews. Throughout the construction process, AltaLink and its contractors will follow all applicable Alberta Environment legislation and requirements and use appropriate techniques to protect water quality, soil, vegetation and wildlife habitat. Any noise associated with the construction and/or operation of the new facilities will comply with the Alberta Utilities Commission's (AUC) Noise Control Rule 12 and any other relevant provincial noise regulations and standards.



Who can you contact for more information?

To learn more about the proposed project you can contact:

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

Email: siting.consultation@altalink.ca

Alberta Electric System Operator (AESO): 1-888-866-2959

Email: stakeholder.relations@aeso.ca

Alberta Utilities Commission (AUC): 1-780-427-4901

(You can call toll-free by dialing 310-0000 before the number)

Email: utilitiesconcerns@auc.ab.ca

How can you provide input?

Your feedback is important to us and we will work with you to understand and address any questions or concerns you may have. AltaLink's representatives will contact landowners, residents and occupants near the proposed transmission line routes and substations.

We consider landowner comments in our project evaluations and summarize the input received from landowners in our Facility Application (FA). The FA describes our plans to meet technical requirements set by the AESO and provides information on routing, the environment, costs, project components and schedules, and our participant involvement program. We will submit the FA to the AUC for its approval.

The AUC is a quasi-judicial agency, established by the Alberta government that ensures the fair and responsible delivery of our utility services. We have enclosed a copy of the AUC brochure: *Public Involvement in Facility Applications*, which describes how you can be involved in the AUC process.

Thank you!

Your feedback is important to us. To learn more about AltaLink visit www.altalink.ca. To learn more about this project visit www.altalink.ca/regionalprojects, or please contact us at the information listed below:



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