

# Electric system improvements near you

Heritage Wind Energy Centre Connection

You are receiving this newsletter because you are near the Heritage Wind Energy Centre Connection project and we want your input.

NextEra Canada Development & Acquisitions Inc. has requested a connection to the transmission system for their wind energy project, Heritage Wind Energy Centre (HWEC). AltaLink is proposing to construct a **transmission** line, operated and maintained by AltaLink, to connect the facility to the electric system.

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

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).

#### DEFINITION:

### **Transmission**

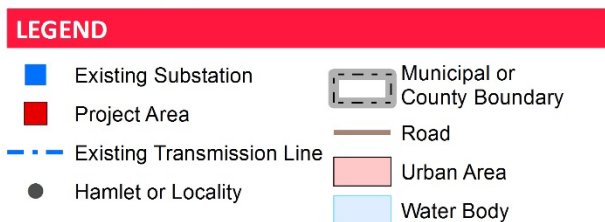
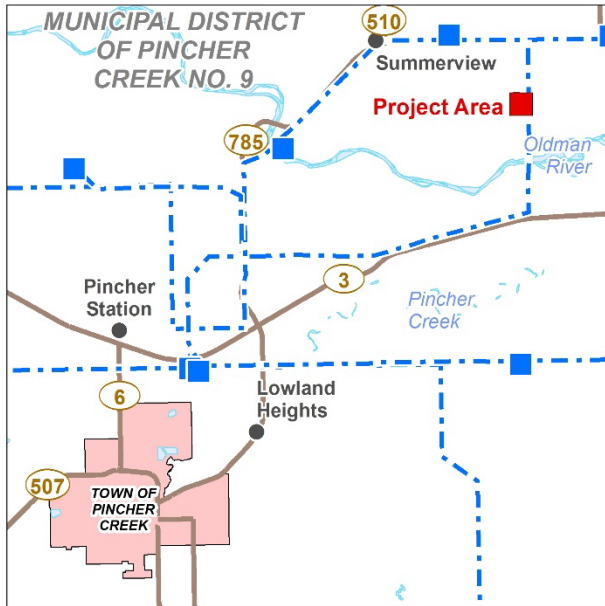
Transmission lines make up Alberta's electric highway, linking the places where power is generated to your community where power is used. Transmission lines transport large amounts of power from power plants across the province. The transmission system connects diverse sources of power generation including wind, high-efficiency coal, natural gas and more.

### **CONTACT US**

1-877-267-1453

[stakeholderrelations@altalink.ca](mailto:stakeholderrelations@altalink.ca)

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



## Project details

The proposed project is located approximately 11 kilometres northeast of the Town of Pincher Creek in SE-23-7-29-W4.

The project involves constructing approximately 210 metres of new 240 kV transmission line to connect NextEra’s planned Heritage Hill 110S Substation, which is part of the HWEC, to AltaLink’s Fidler Substation. The new line:

- will have wood or steel structures
- will be single-circuit
- will have a height of approximately 18 to 23 metres
- will be located on both AltaLink property and privately leased land
- will have a right-of-way of approximately 30 metres on privately leased land

In addition, AltaLink is proposing to add one new 240 kV circuit breaker to the Fidler Substation to accommodate the new connection. Circuit breakers are electrical switches inside a substation that protect substation equipment and lines.

AltaLink will also install a new telecommunications cable (an underground fibre optic cable under the new transmission line or an optical ground wire along the structures) between the planned Heritage Hill 110S Substation and Fidler Substation. No changes to the fenceline at the Fidler Substation will be required.

Temporary construction access and workspace will be located on AltaLink’s property.



*The existing Fidler Substation*



*Left: A typical 240kV circuit breaker*

*Right: Potentially similar structures to those on the proposed line*

## Electric and Magnetic Fields (EMF)

AltaLink recognizes that people 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 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 electrical facilities. 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	August 2017
File application with Alberta Utilities Commission (AUC)	February 2018
Start construction if project is approved	June 2018
Construction completed	October 2018

*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:*

### **ALATALINK**

1-877-267-1453 (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 the Heritage Wind Energy Centre:*

### **NEXTERA CANADA DEVELOPMENT & ACQUISITIONS INC.**

A. José De Armas, Project Manager

1-844-439-8372

E-mail: [Connect@HeritageWindEnergyCentre.com](mailto:Connect@HeritageWindEnergyCentre.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

E-mail: [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 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. AltaLink will collect, use, and disclose personal information in accordance with AltaLink's Privacy Policy and the *Personal Information Protection Act* (Alberta). 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**

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