

## Electric system improvements near you

Riverview Wind Power Facility Interconnection

### DID YOU KNOW?

The average four-person family in Alberta today has 20 'instant-on' electronics such as laptops, DVD players, music device chargers and cell phone chargers. This is in addition to the other appliances necessary to run a home – fridges, stoves, microwaves, washers and dryers – all of which require a reliable supply of electricity.

You are receiving this newsletter because you are located near the proposed Riverview Wind Farm Interconnection Facility project and we want your input. This project will connect new wind generated power to Alberta's electric system.

We want to provide you with:

- project details
- information about how you can provide your input
- project schedule
- maps of the proposed transmission development

### Why is this project needed?

The Alberta Electric System Operator (AESO) received an application from ENEL Alberta Wind Inc. (ENEL) to connect its facility to the electric system and will file a Needs Application with the [Alberta Utilities Commission](#) (AUC).

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 or you can make your concerns known to an AltaLink representative who will communicate them to the AESO on your behalf.

### DEFINITION

#### **Alberta Utilities Commission**

The Alberta Utilities Commission (AUC) ensures the fair and responsible delivery of Alberta's utility services. AltaLink submits applications for new transmission projects to the AUC and the AUC reviews them in a public process.

### CONTACT US

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

[siting.consultation@altalink.ca](mailto:siting.consultation@altalink.ca)

Visit us online at

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

DEFINITION

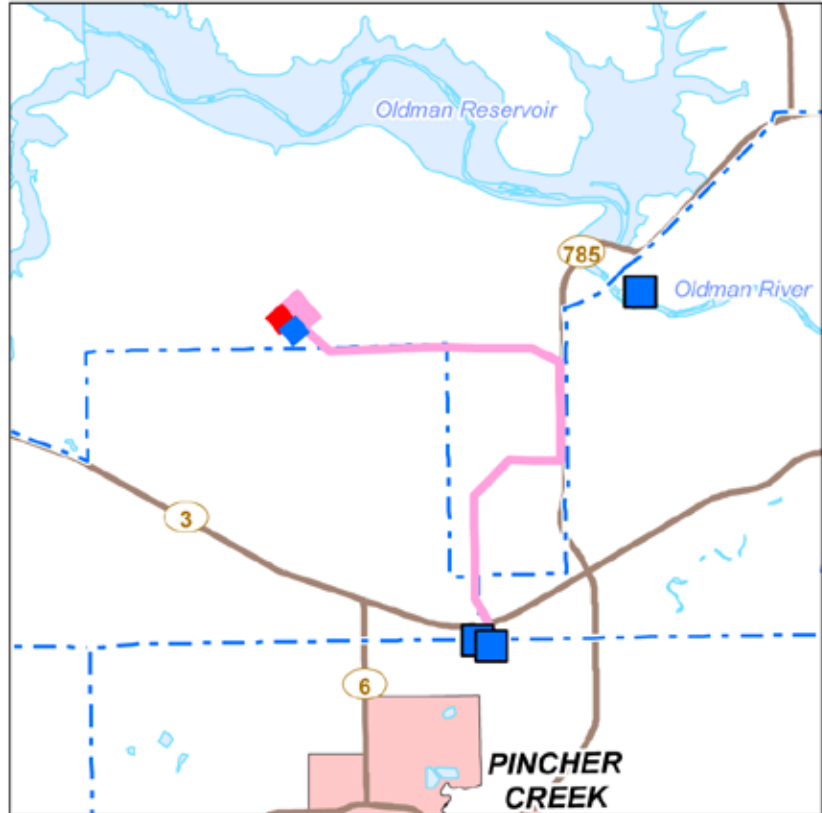
**Substation**

Substations are the connection points between power lines of varying voltages and contain equipment that control and protect the flow of power. Substations include transformers that step down and step up the voltage so power can be transmitted through transmission lines or distributed to your community through distribution lines.

DEFINITION

**Megawatts**

The generation of electricity is measured in megawatts. 1 MW = 1,000,000 watts.



**LEGEND**

- Potential ENEL Riverview Collector Substation
- Approved AltaLink Castle Rock Ridge 205S Switching Station
- Existing ENEL Castle Rock Ridge Collector Substation
- Existing Substation
- Major Road
- Urban Area
- Water Body
- Approved 1071L/1072L Transmission Line
- - - Existing Transmission Line

Project details

This proposed project includes:

- connecting the ENEL Riverview Substation to AltaLink’s Castle Rock Ridge Substation
- upgrades at the Castle Rock Ridge Substation

The wind power project will provide up to 115 megawatts (MW) of additional wind power to the province’s electric system.

## PROPOSED DEVELOPMENT

ENEL is proposing to build the Riverview Substation adjacent to the existing Castle Rock Ridge Substation. The Riverview Substation will be located on private land at SE-14-7-30-W4. AltaLink will be connecting the two substations using a [flexible bus](#) and adding equipment to the Castle Rock Ridge Substation.

AltaLink is responsible for the consultation and construction of the proposed connection between the ENEL and AltaLink substations and upgrades at the Castle Rock Ridge Substation. ENEL is responsible for the consultation and construction of the proposed wind farm and the Riverview Substation. If you have any questions regarding the proposed wind farm or substation, they can be directed to ENEL. ENEL's contact information is on the back of this newsletter.

### Provide your input

Stakeholder input is important to us. You can provide your input in any of the following ways.

## PARTICIPATE IN A ONE-ON-ONE CONSULTATION

We will contact all occupants, residents and landowners near the proposed development to gather input through one-on-one consultations. During the one-on-one process we will document the information you provide and respond to any questions or concerns you may have about the project.

AltaLink is committed to sharing information about its projects and working with the public to gather and respond to stakeholder input and concerns. A summary of stakeholder comments will be incorporated into the application we submit to the AUC.

## CONTACT US DIRECTLY

You can contact us by telephone, email, mail or through our website. Our contact information is on the front and back pages of this newsletter.

### Next steps

After our consultation process is complete we will file a [Facilities Application](#) with the AUC in the fall of 2012. The AUC will review both the Needs Application and the Facilities Application at the same time through a process in which stakeholders can participate.

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 Needs or Facilities Applications*.

## DEFINITION

### Flexible bus

A flexible bus is an electrical conductor which serves as a connection point between high voltage devices. The flexible bus allows the connection between close substations without an overhead transmission line structure.

## DEFINITION

### Facilities Application

AltaLink submits Facilities Applications to the AUC for review. A Facilities Application describes how AltaLink proposes to meet the requirements for a transmission project. It includes routing details, results of the participant involvement program and technical details. Facilities Applications must be approved by the AUC before construction can begin.



## INCLUDED IN THIS INFORMATION PACKAGE:

- Project maps
- AltaLink brochure: *A Dialogue on Electric & Magnetic Fields*
- AltaLink brochure: *Good Neighbours*
- AUC brochure: *Public Involvement in Needs or Facilities Applications*
- AESO Need Overview

### More information

*To learn more about the proposed project, please contact:*

#### **ALTALINK**

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

Email: [siting.consultation@altalink.ca](mailto:siting.consultation@altalink.ca)

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

*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)

Email: [stakeholder.relations@aeso.ca](mailto:stakeholder.relations@aeso.ca)

Website: [www.aeso.ca](http://www.aeso.ca)

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

#### **ALBERTA UTILITIES COMMISSION (AUC)**

780-427-4903

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

Email: [consumer-relations@auc.ab.ca](mailto:consumer-relations@auc.ab.ca)

Website: [www.auc.ab.ca](http://www.auc.ab.ca)

*To learn more about ENEL Alberta Wind, please contact Michael Kehle at:*

#### **ENEL ALBERTA WIND INC. (ENEL)**

514-397-0463

Email: [michael.kehle@enel.com](mailto:michael.kehle@enel.com)

Website: [www.enelgreenpower.com](http://www.enelgreenpower.com)

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