

August 31, 2015

## **South and West of Edmonton Area Transmission Development: Saunders Lake Substation and Transmission Line Project**

### **Project update**

Thank you for your ongoing participation in the Saunders Lake Substation and Transmission Line Project (the Project). We would like to update you regarding the preferred Saunders Lake substation location.

After further engineering and ongoing consultations with stakeholders, we have modified the size and location of the substation. The preferred substation size originally proposed was 400 x 400 metres (1310 x 1310 feet) and is being revised to 200 metres X 400 metres (650 x 1310 feet) approximately 40 metres (131 feet) to the west of its previous location. There is no change to the size or location of the alternate substation location option.

The revised preferred Saunders Lake substation location is illustrated on the detail maps (DP1/DB1) included in this package.

### **Next steps**

We plan to submit our facilities application to the Alberta Utilities Commission (AUC) in the coming weeks. The AUC will review the application and may approve either the preferred or alternate substation location (with associated route options), approve the Project with conditions or deny the Project. The AUC may also host a hearing regarding 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".

We will notify you of the AUC's decision regarding the Project. If the Project is approved, we plan to start construction in the fall/winter of 2016 and anticipate it will take 12 to 14 months to complete.

### **Project background**

The proposed Project will be located to the east of Leduc and south of Edmonton near Nisku. The Project includes:

- a new substation (to be called Saunders Lake 289S)
- building two new 240 kilovolt (kV) transmission lines to connect the Saunders Lake Substation to the existing 910L/914L transmission line
- building two new 138 kV transmission lines to connect the Saunders Lake Substation to existing lines in the area (called 174L and 858L) and the existing Nisku 149S Substation
- salvaging portions of the 780L and 858L lines
- modifications to the Nisku Substation

According to the Alberta Electric System Operator (AESO), the South and West of Edmonton Area Transmission Development will allow the transmission system to meet the increased electricity demand in the Leduc, Parkland and Strathcona counties, as well as the greater Edmonton area. This development

will help support industrial power demands and ensure residences continue to have a reliable supply of power for years to come.

**Contact us**

Stakeholder input has been important in determining the best solution for this Project. If you have any questions or concerns please contact us at 1-877-267-1453 (toll-free) or [stakeholderrelations@altalink.ca](mailto:stakeholderrelations@altalink.ca). Further information about the project is also available at <http://www.altalink.ca/projects/natp/sweatd/overview-1.cfm>

Sincerely,



Kevin Thorvaldson  
Manager, Stakeholder Engagement