

**March 17, 2016**

**South and West of Edmonton Area Transmission Development:  
Harry Smith 367S Substation and Transmission Lines  
Proposed Land Reduction at the Preferred Substation Site**

You are receiving this letter because you own property, occupy lands or reside near the preferred substation site for the Harry Smith 367S Substation and Transmission Lines Project (Project). After further engineering and discussions with the landowner, we are proposing a reduction in the size of the preferred substation site (on the same parcel). The size originally proposed for the site was 400 by 400 metres (1310 by 1310 feet), which has been reduced to 250 by 250 metres (820 by 820 feet). To accommodate this size reduction, the substation has been rotated, and the configuration of the transmission lines entering the substation has changed. The revised substation location and associated routing for the preferred location is illustrated on the detail map (DP2) included in this package.

**Project background**

The Project is located west of Edmonton and south of Spruce Grove and includes the following components:

- a new 240 kV/138 kilovolt (kV) substation to be called Harry Smith 367S Substation
- the upgrade and expansion of the existing Acheson 305S Substation
- the construction of 138 kV transmission lines to connect the Harry Smith 367S Substation to the existing Acheson 305S and Stony Plain 434S Substations
- construction of 240 kV lines to connect the existing 1043L transmission line to the Harry Smith 367S Substation

The need for the Project was approved by the Alberta Utilities Commission (AUC) in 2014. As indicated by the Alberta Electric System Operator (AESO), the Project is needed to meet forecasted load and generation growth in the south and west of Edmonton area, and for transmission reliability purposes. To learn more about Alberta's electric system and the need for the Project, please contact the AESO at 1-888-866-2959 or at [stakeholder.relations@aeso.ca](mailto:stakeholder.relations@aeso.ca).

**Next steps**

AltaLink has applied to the AUC for approval of the Project. AltaLink will be filing an amendment to its facilities application for the land reduction, as well as a telecommunications modification at the Stony Plain 434S Substation. The AUC will review the application and can do any of the following:

- (a) approve either the preferred or alternate Harry Smith 367S Substation location and transmission line route options;
- (b) approve a substation and route option with conditions; or
- (c) deny the Project.

### **Project schedule and providing your input**

The AUC is holding a hearing regarding the Project on May 10, 2016. To learn more about the AUC process and how you can become involved please see the enclosed AUC brochure: *Public involvement in a proposed utility development*. The AUC's Notice of Hearing for the Project is also enclosed.

We will notify you of the AUC's decision regarding the Project. If the Project is approved, we plan to start construction in late 2016 and expect to complete construction in late 2017.

If the Project is approved, you may see or hear the following during the construction:

- noise and construction crews
- selective tree and vegetation clearing
- substation construction and modifications
- transmission line construction and modifications

### **The application**

The application can be viewed on the AUC's website at [www.auc.ab.ca](http://www.auc.ab.ca). You can access the application by doing the following:

1. Click on the 'eFiling System Login' button on the left side of the page and log in to your eFiling account. If you do not have an account, select 'New Account' and follow the steps onscreen.
2. Once your account has been created and you have successfully logged in, enter 20987 into the 'Go to...' search bar on the left side of the page to locate the application. Alternatively, you can navigate to 'Find', click 'Proceedings' and enter "South and West of Edmonton Transmission Development" into the 'Proceedings description' search bar.

Please note any questions or concerns regarding account creation and management should be directed towards the AUC at [info@auc.ab.ca](mailto:info@auc.ab.ca).

If you have any issues accessing the application, please contact us at the details below and we will mail a copy of the application to you.

### **Contact us**

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/view/187/harry-smith-367s-substation-and-transmission-lines-project>

Sincerely,



Dave Lee  
Manager, Consultation