

**October 28, 2015**

**Cooking Lake 138 kV Transmission Line and Substation Upgrade Project  
South and West of Edmonton Area Transmission Development  
Notice of application filing**

Thank you for your ongoing participation in the Cooking Lake 138 kV Transmission Line and Substation Upgrade Project. We submitted an application for the project to the Alberta Utilities Commission (AUC) on October 16, 2015. We would also like to provide you an update on this Project.

**Next steps**

We have filed both a preferred and alternate route with the AUC. The AUC will review the application and can approve either the preferred or alternate route, approve 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 visit [www.auc.ab.ca](http://www.auc.ab.ca).

We will notify you of the AUC's decision regarding the project. If the project is approved, we plan to start construction in January 2017 and expect to complete construction by the end of 2017.

**The application**

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

To access the application, 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. 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).

Once your account has been created and you have successfully logged in, enter 20924 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.

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.

**Project background**

The proposed Cooking Lake 138 kV Transmission Line and Substation Upgrade Project will be located south of Edmonton and east of the Beaumont. The project includes the following components:

- constructing approximately 25 kilometres (15 miles) of double circuit 138 kV transmission line from the existing 780L transmission line to the Cooking Lake Substation
- upgrades and fence expansion at the existing Cooking Lake Substation. Any expansion to the fence line of the substation will take place on AltaLink owned land

- minor modifications to the existing 780L transmission line to allow for the connection of a new 138 kV double circuit transmission line

According to the 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.

### Project update

As a result of further consultation and engineering, we have removed a section of the preferred route that went to the south of the Highway 14 and Highway 21 interchange from consideration. The applied for route and the previously considered route can be seen in the figure below in red (applied for) and dashed grey and white (previously considered).



### Right-of-way, easements and construction workspace

Where located on private property, the new single and double-circuit 138 kV structures will be in the centre of a 21 metre (69 feet) wide right-of-way. Where located in road allowance, the structures will be located approximately 1 metre (3 feet) within road allowance and a 10 metre (32 feet) easement may be required on adjacent private property (i.e., even where the transmission structures themselves are not on private property). After detailed engineering, AltaLink will only seek to acquire the additional 10 metre (32 feet) easement on private property where buildings, trees, and other physical obstructions have the potential to affect the safe construction and operation of the transmission line. AltaLink may also need up to 100 m (328 feet) of construction workspace on adjacent properties for stringing behind the double circuit corner structures. These additional rights-of-way and the construction workspaces, including the potential stringing areas, are shown on the strip mosaic maps in the facility application.

If you are affected by these easements, AltaLink will be contacting you to discuss land access, including construction workspace, as well as the specific dates and times we will require access to your property.

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

- noise and construction crews
- selective tree and vegetation clearing
- transmission structure construction
- wire stringing on the transmission structures
- work at an existing substation

### Contact us

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

Sincerely,



Dave Lee  
Manager, Stakeholder Engagement