



# NAMAQ SUBSTATION TRANSFORMER REPLACEMENT PROJECT

January 2020

EPCOR is proposing to replace one transformer at the Namao Substation to ensure we can continue to reliably deliver electricity to Edmontonians in this area. This transformer is nearing the end of its useful life and needs to be replaced.

You are receiving this project notice because you are a landowner, occupant or resident near the substation. This notice contains information on what we're proposing, how the project may impact you, and how you can get involved as the project progresses. We would like to hear from you if you have questions, comments or require additional information about this project.

## What we're doing

The Namao Substation is situated at 97 Street and 127 Avenue in the Lauderdale neighbourhood.

If approved, the project will involve:

- Replacing one transformer that is nearing the end of its useful life with a similar-capacity unit;
- Removing two external voltage regulators; one that is currently in-service and one that was previously decommissioned. The function of the in-service regulator will be included in the new transformer; and
- Installation of transformer oil containment enclosure.

## Schedule

EPCOR intends to submit the required application for this project to the Alberta Utilities Commission (AUC) in late January 2020. If approved, the tentative schedule of work would be as follows:

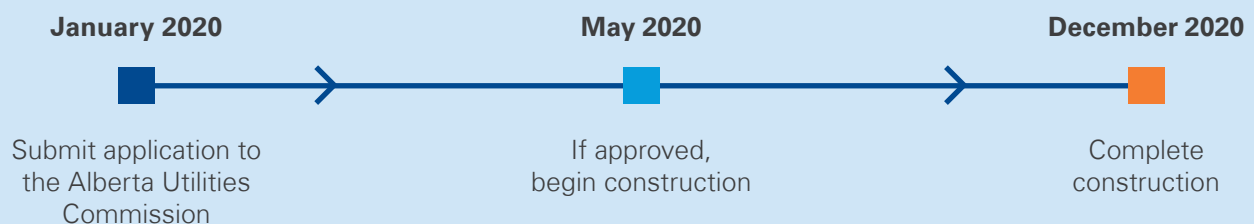
- Replacement of the transformer is expected to begin in **May 2020** and will take approximately three months.
- Removal of two external voltage regulators will begin once the transformer is in service.
- Installation of the transformer oil containment enclosure will begin once the transformer is in service.
- The entire project is expected to be completed by **end of December 2020**, with the exception of the installation of the oil containment enclosure that may extend into 2021.

*Please note: These timelines are estimates and may change based on weather, procurement of materials, and construction conditions.*

## Key terms

- Substations are where electricity is reduced from high voltage to a lower voltage that can be used in our homes and businesses.
- Transformers are what perform this change in voltage.
- An oil containment enclosure is required to protect the environment in the unlikely event of oil spills or leaks from the transformer.

## ANTICIPATED TIMELINE



## What to expect during construction

### Work space

All work spaces will be safe and secure. Construction will be conducted according to City of Edmonton bylaws, and health, safety and environmental standards.

### Construction noise

This work will create noise typical to construction, with vehicles and crews on site. We will take measures to ensure we comply with the City of Edmonton's Community Standards Bylaw for Noise Control. If it is necessary to exceed acceptable noise levels, we will work with the City of Edmonton to obtain necessary permits.

### Hours of operations

We anticipate our hours of work for this project to be Monday to Friday from 7:00 a.m. to 5:00 p.m., however, occasional evening and weekend work may be required.

### Power supply

We do not anticipate any power outages to result from this work.

### Road/sidewalk access

All public roads and sidewalks are expected to remain open except for short disruptions to facilitate moving of equipment.

## Project Area

The illustration shows the proposed work that will be happening at the existing Namao Substation in your area. All work will occur within the existing substation boundary. No changes to the substation fence line are required.



EPCOR respects your right to privacy. Any personal information we collect about you, including your name, address, phone number and email address will be used only in regards to this project. Please visit [epcor.com](http://epcor.com) for more information on EPCOR's Privacy Policy.

## PARTICIPATE IN THE PROCESS

EPCOR believes in listening to and engaging stakeholders. Community input and involvement is an important part of our decision-making. If you have any questions or would like to provide input on the project, please contact us:

**Phone:** 780-412-4040

**Email:** [consultation@epcor.com](mailto:consultation@epcor.com)

**Website:** [www.epcor.com/consultation](http://www.epcor.com/consultation)

### About the Alberta Utilities Commission (AUC)

The AUC is an independent, quasi-judicial agency that ensures the delivery of Alberta's utility services takes place in a manner that is fair, responsible and in the public interest.

The AUC must approve this project before EPCOR can begin work. For more information on the AUC's regulatory process and how you can participate in the process visit <http://www.auc.ab.ca/pages/review-process-steps.aspx>.