

PROJECT NOTICE

Upgrades to the Meadowlark Substation

OCTOBER 2025

EPCOR works to build, maintain and upgrade the electric system to provide safe and reliable power in Edmonton. You are receiving this information because you are near planned upgrades to the Meadowlark Substation (located at 15404 84 Avenue).

PROJECT OVERVIEW

The existing transformers in the Meadowlark Substation are reaching their end of life and need to be replaced. We are planning to replace three existing transformers with three new, higher capacity transformers. These new transformers will help improve reliability and meet increased demand for power in the area. If approved by the Alberta Utilities Commission, we will begin replacing the transformers in stages over the next five years, starting in spring 2026. The new transformers would be replaced in the same location as the existing transformers.

WHAT IS A SUBSTATION AND TRANSFORMER?

A substation converts electricity from higher voltage power lines (transmission lines) to lower voltages (distribution lines) so it can be safely used by homes and businesses in the area. This conversion is done using a transformer.

MEADOWLARK SUBSTATION SITE LAYOUT



WHAT TO EXPECT DURING CONSTRUCTION

This work may be noisy at times. We will comply with the City of Edmonton's Community Standards Bylaw for Noise Control. If it is necessary to temporarily exceed noise levels, we will work with the City of Edmonton to obtain the necessary permits.

Hours of Construction

We anticipate our hours of work for this project to be Monday to Friday 7:30 a.m. to 5:00 p.m.; however, occasional evening and weekend work may be required. Each transformer will take approximately 10 months to install. We expect all three transformers to be replaced by the end of 2030.

Transformer 1: Replacement planned for April 2026

Transformer 2: Replacement planned in 2029

Transformer 3: Replacement planned in 2030

Noise levels at the substation are expected to be reduced once all three transformers are replaced.

Power Supply

No power outages are expected as a part of this project.

ABOUT THE ALBERTA ELECTRIC SYSTEM OPERATOR (AESO)

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. If you have any questions or concerns about the need for this project you may contact the AESO directly.

You can also make your questions or concerns known to an EPCOR representative who will collect your personal information for the purpose of addressing your questions and/or concerns. This process may include disclosure of your personal information to the AESO.

Alberta Electric System Operator (AESO)

Phone: 1 (888) 866-2959

Email: stakeholder.relations@aeso.ca

Website: www.aeso.ca

ABOUT THE ALBERTA UTILITIES COMMISSION (AUC)

Alberta's electric system is regulated by the AUC. The AUC is an independent quasi-judicial agency that ensures that the delivery of Alberta's utility service takes place in a manner that is fair, responsible and in the public's interest. The AUC must approve this project before EPCOR can begin work. For more information about how you can participate in the process, please see the brochure entitled Participating in the AUC's independent review process to consider facility applications included in this package.

PARTICIPATE IN THE PROCESS

We are committed to keeping you informed and welcome your questions and feedback. Please contact us if you want to learn more or share your thoughts.

Phone: 780-412-4200

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