

PROJECT OVERVIEW

Castle Downs Substation Building Addition
16253 - 97 ST NW

JUNE 2023

PROJECT OVERVIEW

We are advising landowners, occupants and residents in your area about plans to add a new building to the existing Castle Downs substation. The substation is located at 16253 97 Street NW (see map), north of downtown Edmonton. You are receiving this package because you are located in the vicinity of the proposed work.

ABOUT EPCOR

EPCOR builds, owns and operates electrical, natural gas and water transmission and distribution networks in Canada and the United States. In Edmonton, we proudly distribute electricity to approximately 435,000 customers.

For more information about the services we provide and projects in our communities, visit epcor.com.

ABOUT THE ALBERTA UTILITIES COMMISSION (AUC)

The AUC is an independent, quasi-judicial agency of the province of Alberta. The AUC is responsible to ensure that the delivery of Alberta's utility service takes place in the public interest. The AUC must approve this project before construction can begin. For more information on the AUC's regulatory process and how you can participate in the process visit auc.ab.ca/facility-application-review-process-steps/.

WHAT'S HAPPENING

If approved, this project requires a new, metal building to be constructed in the existing Castle Downs substation. The new, standalone building will be located on the east side of the existing building, and all of the proposed work will take place within the existing substation fence line. The new structure, once complete, and the existing building will see the installation of new electrical equipment, such as switchgear.

THE NEW BUILDING

The electrical equipment inside the existing Castle Downs substation building needs to be upgraded to ensure that we can continue to provide safe and reliable power service to area residents and businesses. The new building is required to house some of the new equipment. The new building will be grey or silver in colour, and be approximately 15 metres by 4.3 metres.

EXPLAINING SWITCHGEAR

Switchgear is a part of the electrical system that serves to split electricity from a transformer to multiple distribution cables. This is similar to your house electrical panel in that it takes the incoming power and splits it amongst the many areas of your house. Switchgear performs the same function for a grouping of residential, industrial or commercial customers.

Schedule

In September 2023, EPCOR will apply to the Alberta Utilities Commission for approval to construct the new building. For more information about how you can participate in the process, please refer to the enclosed brochure entitled *Public Involvement in Needs or Facilities Applications*.

PROJECT AREA

Please note work areas may change due to weather or ground conditions.



If approved, **we plan to begin work on the new building during spring of 2024 and be finished by summer of 2024.**

If approved, work to build the new structure would take place in spring 2024. Cable excavation would start in summer 2024 to prepare for the new equipment. Once the new building is complete, we'd begin installing the new equipment, which is expected to be complete by the end of 2024. Please visit our website for updates on our construction schedule. Please provide any feedback on the project by July 17, 2023.

Project Impacts

Depending on the work location, residents and businesses can expect to see activity that is typical to construction, including company/contractor vehicles and equipment. The construction area will be fenced and/or marked as a restricted area.

Traffic

No public road closures are expected.

Power Outages

Power outages are not expected as part of this project. If a planned power service interruption is required to complete the work, and you are affected, we will notify you in advance.

Noise

The proposed work will create typical noise associated with construction. We will take measures to ensure we comply with the City of Edmonton's Community Standards Bylaw for Noise Control. If it's necessary to temporarily exceed acceptable noise levels, we will work with the City of Edmonton to receive necessary permits.

Restoration

Any required landscaping following the construction will take place once work is complete and as weather permits.

QUESTIONS OR TO PARTICIPATE IN THE PROCESS

EPCOR believes in listening to and engaging with stakeholders. Community input and involvement is an important part of our decision-making process. We believe in working towards solutions together and consulting with the public on initiatives. If you have any questions or would like to provide input on the project, please contact us:

Phone: 780-412-4040

E-mail: consultation@epcor.com

Website: epcor.com/consultation

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 AESO's Need Overview included in this package or visit www.aeso.ca. If you have any questions or concerns about the need for this project or the proposed transmission development to meet the need, you may contact the AESO directly.

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

Alberta Electric System Operator (AESO)

Phone: 1-888-866-2959

Email: stakeholder.relations@aeso.ca

Website: www.aeso.ca