

PROJECT NOTICE

Edmonton Carbon Capture Utilization and Storage Connection

MARCH 2025

PROJECT OVERVIEW

To support Heidelberg Materials Canada Limited's (Heidelberg Materials) new net-zero cement production facility, EPCOR is proposing to construct a new 138 kilovolt (kV) single circuit, above-ground transmission line. This new transmission line would connect Heidelberg Materials' proposed new substation to an existing EPCOR transmission line (711L). You are receiving this package because you are located near the proposed project.

This project would include:

- Constructing approximately 1.9 km to 2.7 km of 138 kV transmission line to connect the proposed facility to the existing 711L transmission line;
- Installation of telecommunications fibre cable along the route;
- Upgrading the existing 711L transmission line to support the additional capacity required; and
- Adding or modifying existing equipment as required for the above transmission developments.

ROUTE OPTIONS

We have identified four route options for the proposed new transmission line to connect the existing EPCOR transmission line to Heidelberg Materials' proposed new substation. Although there are multiple options shown, only one route will be built. We need your input to find the best route.

SCHEDULE

In Spring/Summer 2025, EPCOR will apply to the Alberta Utilities Commission for approval to construct the new transmission line and associated project work. If approved, construction would be planned for 2026.

ABOUT EPCOR

EPCOR builds, owns and operates electrical transmission and distribution networks, water and wastewater treatment facilities and infrastructure in Canada and the United States. EPCOR also provides electricity and water services to residential and commercial customers.

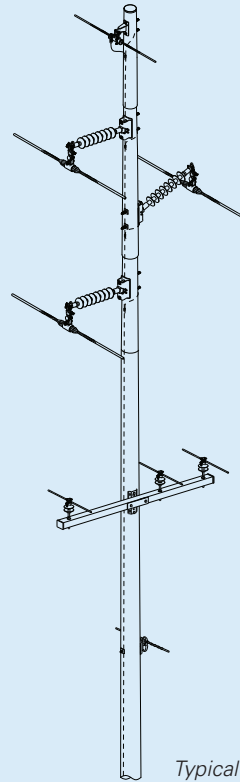
STRUCTURE TYPES

If approved, the 138 kV transmission line will be built using mostly composite fibreglass poles ranging in height from approximately 20 to 30 metres. Non-typical structures such as steel poles, poles with wider bases, and the use of guy wires may be required at certain locations along the line.

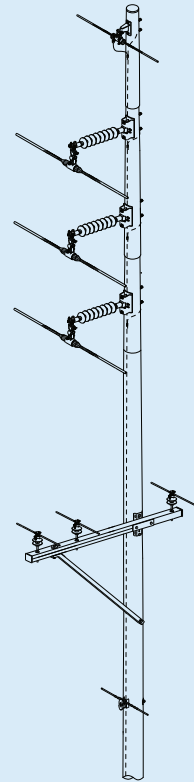
For some of the route sections we are proposing to build the new transmission line in the same alignment as the existing distribution lines in the area. In this scenario, every second or third distribution pole (overbuilt line) would be replaced with a new transmission pole. The distribution equipment would then be attached onto the new transmission pole, underneath the transmission insulators and wires.

For one of the proposed route options shown on map (red/yellow), we are proposing to build the new transmission line parallel to the existing distribution line.

Tangent Delta Structure

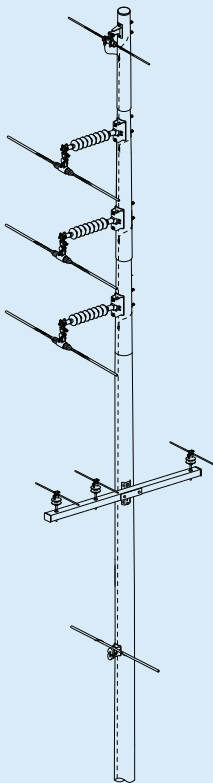


Vertical Tangent Structure

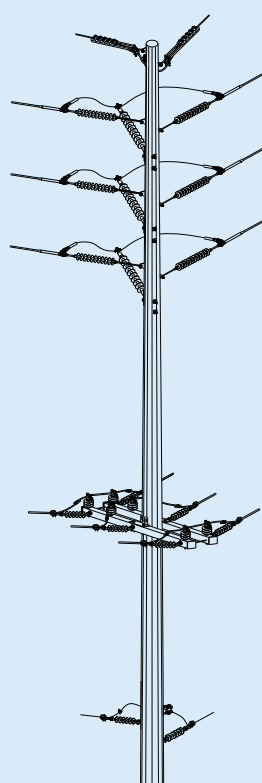


Typical structure type

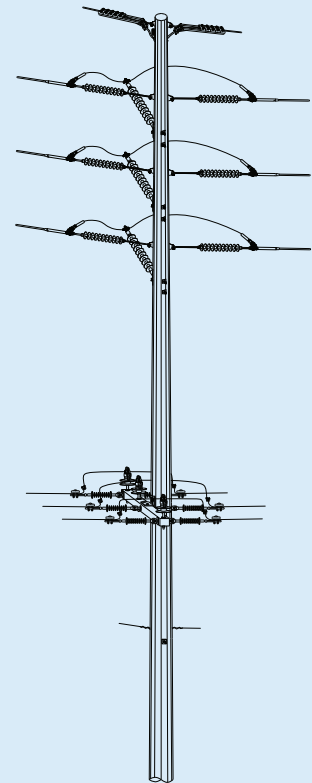
Vertical Light Angle Structure



Heavy Angle Structure



Heavy Angle Deadend Structure



PROJECT AREA



WHAT TO EXPECT DURING CONSTRUCTION:

Depending on the work location, landowners 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. Periodic lane closures may be required in the project area to complete this work.

Power Outages

There will likely be power outages during construction. These would occur in 2026/27. EPCOR will be working with affected customers to determine the best approach to schedule and mitigate these outages. 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.

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 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 personal information for the purpose of addressing your questions and/or concerns to the AESO. 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/grid/projects

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, please refer to the enclosed brochure entitled Public Involvement in Needs or Facilities Applications.

To learn more about the application and review process, please contact:

Alberta Utilities Commission (AUC)

Phone: 780-427-4903 (toll-free by dialing 310-0000 before the number)

Email: consumer-relations@auc.ab.ca

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 by March 31, 2025.

Phone: (780) 412-4200

E-mail: epcorprojects@epcor.com

Website: www.epcor.com/consultation

HEIDELBERG MATERIALS CANADA LTD.

Heidelberg Materials, who plans to construct and operate a carbon capture facility to create net-zero cement production facility, is completing consultation for the planned new substation located on their property.

If you would like to learn more about the new Heidelberg Materials substation project, please contact Heidelberg Materials directly:

Brent Korobanik

Phone: 780-420-2500

Email: EdmontonCCUSinfo@heidelbergmaterials.com