

Notice of application

City of Edmonton Transmission

Reinforcement Needs Identification Document

The Alberta Electric System Operator has applied for approval of the need for transmission development in the northeast Edmonton area

Proceeding 28633
Application 28633-A001

The Alberta Utilities Commission, the independent utilities regulator, will be considering the need for electric transmission development in Proceeding 28633. If you feel you may be affected by this application you can provide input to the AUC to review before it makes its decision.

Written submissions are due February 8, 2024.

The Alberta Electric System Operator, under the *Electric Utilities Act*, has applied for approval of the need for transmission development in northeast Edmonton to serve load growth and replace aging transmission assets in the area.

The proposed transmission development would include the following major components:

- Add a new 240-kilovolt (kV) substation, to be designated the Fort Road Substation, including two 240/72-kV transformers, two 240/15-kV transformers, and associated 240-kV and 72-kV circuit breakers.
- Connect the proposed Fort Road Substation to the existing 240-kV Transmission Line 915L using an in-and-out configuration.
- Add two 72-kV circuits to connect Fort Road Substation and Namao Substation.
- Modify the Namao Substation, including adding associated 72-kV circuit breakers.
- Discontinue from use for transmission purposes the Kennedale Substation and the four 72-kV transmission lines 72CK12, 72CK13, 72NK23 and 72CN10.

The attached map indicates the general area where the transmission development is proposed. However, the exact routes and sites for the proposed transmission facilities are not determined and may extend beyond the areas shown. A second application, from the transmission facility owner in the area, will be required to determine the exact location of facilities.

Additional information about the application

Basic information about the [City of Edmonton Transmission Reinforcement](#) can be found on the AUC website under “Applications > Featured applications.” The application and any associated documents are publicly available and can be accessed from the eFiling System on the AUC website www.auc.ab.ca. Alternatively, for more information about what is being applied for, or for a copy of the application, please contact:

Alberta Electric System Operator
Brenda Hill
Phone: 403-539-2850
Email: brenda.hill@aeso.ca

Participant information session

The AUC holds information sessions to provide information about how to have your say and become involved in its proceedings. The AUC is prepared to provide a telephone or virtual session about options for participating in this proceeding and the local intervener funding that may be available to you to support your participation, if requested by individuals or groups interested in the proceeding. Please contact the lead application officer, Mohib Khan at 403-592-4416 or mohib.khan@auc.ab.ca by **January 26, 2024**, if you want to participate in an information session.

For more information about how you may become involved in this proceeding, please contact us or visit our website and review the information under “Get involved,” “AUC review process steps,” and “Review process for facility applications.”

Submissions

If you wish to participate in this proceeding, please visit our website and log in to the eFiling System, go to Proceeding 28633, and register to participate under the “Registered parties” tab. For guidance on how to use the eFiling System, please visit www.auc.ab.ca/how-to-use-efiling. Alternatively, please contact us at 310-4AUC (310-4282) in Alberta or info@auc.ab.ca for more information or assistance with filing your submission. The lead application officer, Mohib Khan, can also be contacted at mohib.khan@auc.ab.ca or 403-592-4416.

The AUC may make its decision without further notice or process if no written submissions are received.

Submissions must include your name, address, phone number, legal land location, description of your land in relation to the proposed development and a description of your interest in the land, your business, or your activities which may be affected by the proposed project. Please also briefly describe the issues you would like the AUC to consider when making its decision.

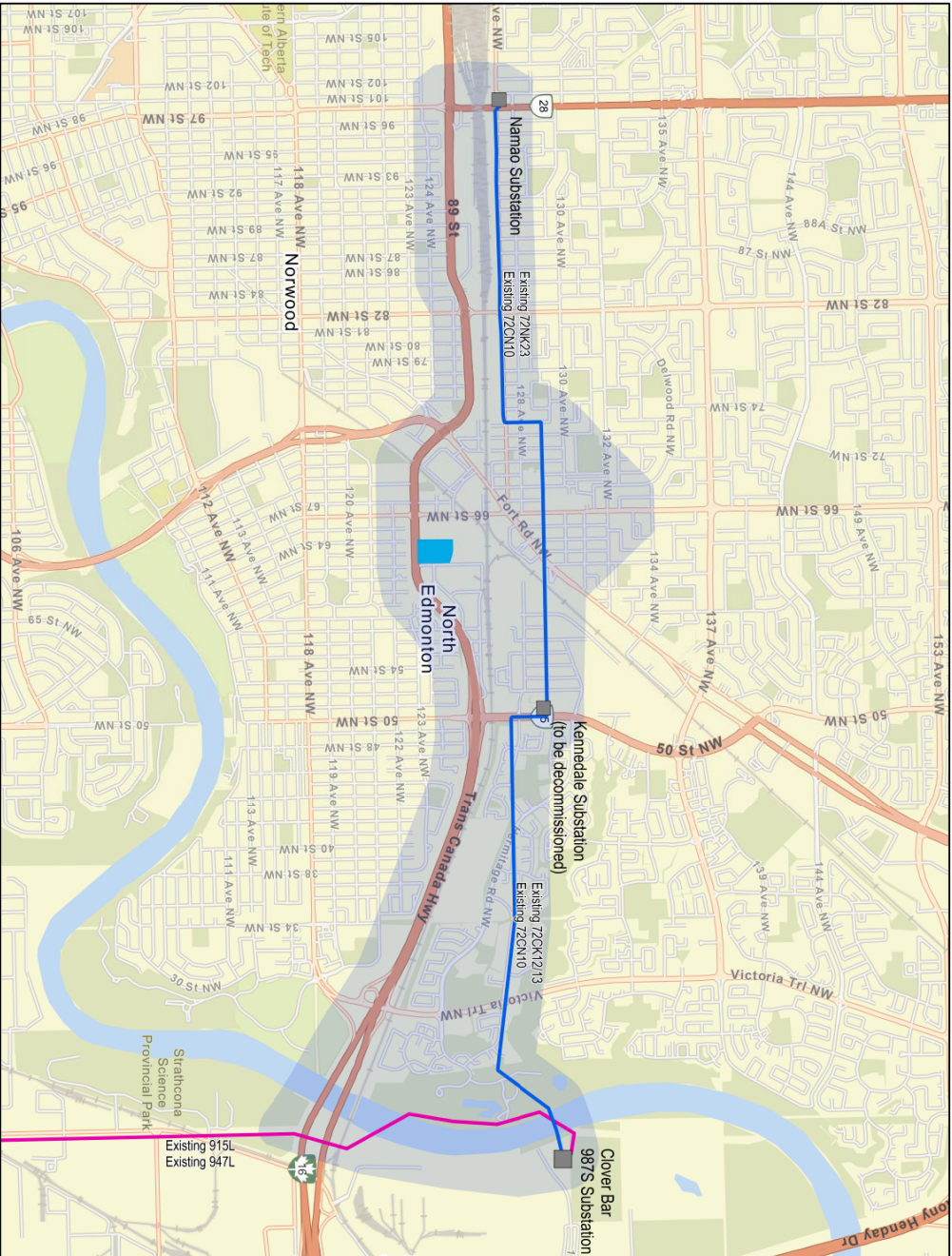
The AUC must consider the Alberta Electric System Operator’s assessment of need to be correct unless someone satisfies the Commission that the need application is technically deficient, or that to approve it would be contrary to the public interest.

Privacy

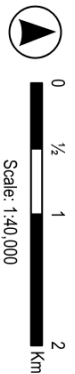
To support an open and transparent process, information you send to the AUC will be publicly available through the AUC's eFiling System. If there is confidential information you would like to file, a request must be made in advance of filing your submission.

Issued on January 2, 2024.

Alberta Utilities Commission

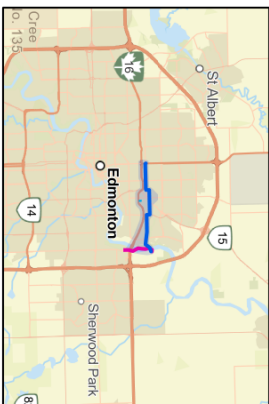


- Legend**
- Existing 72-kV EPCOR Transmission Lines
 - Existing 240-kV Atrialink Transmission Lines
 - Potential New Substation Site
 - Potential Development Area



Data Source: Alberta Environment and Parks/City of Edmonton, Fort Canada, East HERC, Camlin, Suncor/Capri, METIMUSA, USGS, EPA, USDA, NRCan, Parks Canada, City of Edmonton, East Canada, East HERC, Camlin, Suncor/Capri, FAO, METIMUSA, USGS, EPA, NRCan, Parks Canada

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Edmonton Area
 Proceeding 28633
 Alberta Electric System Operator