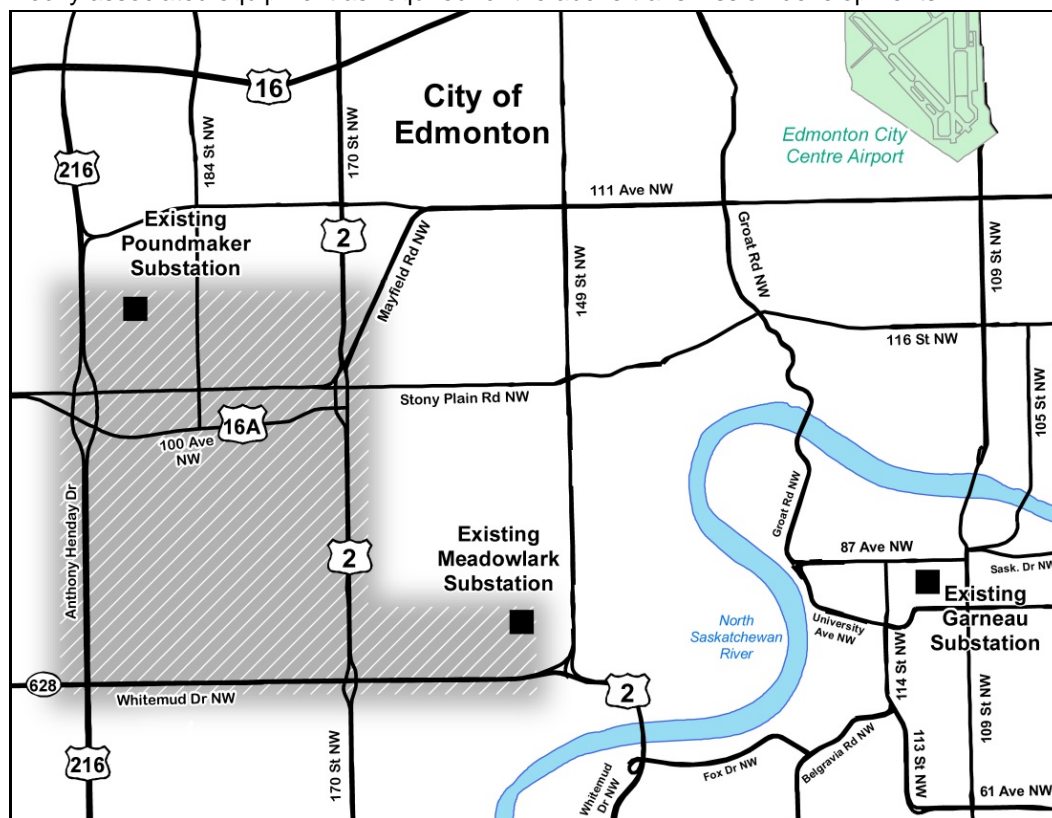


## Notification of Needs Identification Document Filing Addressing the Need for the Transmission Enhancements in the West Edmonton Area

The Alberta Electric System Operator (AESO) advises you that it intends to file a Needs Identification Document (NID) for the Transmission Enhancements in the West Edmonton Area with the Alberta Utilities Commission (AUC) on or after September 28, 2018.

EPCOR Distribution and Transmission Inc. (EPCOR) has applied to the AESO for transmission system access to reliably serve growing demand for electricity in the west Edmonton area. EPCOR's request can be met by the following solution:

- Add a new 72 kilovolt (kV) transmission line from the existing Poundmaker substation to the existing Meadowlark substation.
- Upgrade the Poundmaker substation, including adding one 240/72 kV transformer, one 240 kV circuit breaker and one 72 kV circuit breaker.
- Modify the Meadowlark substation, including adding two 72 kV circuit breakers.
- Upgrade the existing Garneau substation, including replacing three existing 72/14.4 kV transformers with three 72/14.4 kV transformers of higher capacity.
- Add or modify associated equipment as required for the above transmission developments.



The shaded area on the map indicates the approximate location of the proposed 72 kV transmission line. The specific transmission facilities may extend beyond the shaded area shown. The black squares on the map indicate the approximate location of the existing substations which are located at 18944 105 Avenue (Poundmaker substation), 15404 84 Avenue (Meadowlark substation) and 11117 85 Avenue (Garneau substation).

EPCOR is the transmission facility owner (TFO) in the west Edmonton area. In September 2016, the AESO and the TFO began presenting this need to stakeholders, including residents, occupants, and landowners. The AESO will apply to the AUC for approval of the need for this transmission development. Once filed with the AUC, the NID will be posted on the AESO website at <https://www.aeso.ca/grid/projects/transmission-enhancements-in-the-west-edmonton-area>. In a separate application, called a Facility Application, the TFO will provide more details about the specific facilities associated with the AESO's proposed transmission development, and will request AUC approval to construct and operate these facilities.

For more information, please visit our website, [www.aeso.ca](http://www.aeso.ca) or contact us at 1-888-866-2959 or [stakeholder.relations@aes0.ca](mailto:stakeholder.relations@aes0.ca)