

## Notification of Needs Identification Document Filing Addressing the Need for the Strathcona Substation Connection Enhancement in the south Edmonton Area

The Alberta Electric System Operator (AESO) advises you that it intends to file a Needs Identification Document (NID) for the Strathcona Substation Connection Enhancement with the Alberta Utilities Commission (AUC) on or after June 1, 2018.

EPCOR Distribution & Transmission Inc. (EPCOR) has applied to the AESO for transmission system access to improve the reliability of the electricity services in the south Edmonton area. EPCOR's request can be met by the following solution:

- Add one 72 kilovolt (kV) transmission line to connect the existing Strathcona and Dome substations.
- Upgrade the Dome substation, including adding one 240/72 kV transformer, one 240 kV circuit breaker and one 72 kV circuit breaker.
- 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 black squares on the map indicate the approximate location of the Strathcona substation (SE-5-16-52-24-W4) and Dome substation (SE-3-4-52-24-W4).

EPCOR is the transmission facility owner (TFO) in the South Edmonton area. In September 2017, 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/strathcona-substation-connection-enhancement/>. 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@aeso.ca](mailto:stakeholder.relations@aeso.ca)