

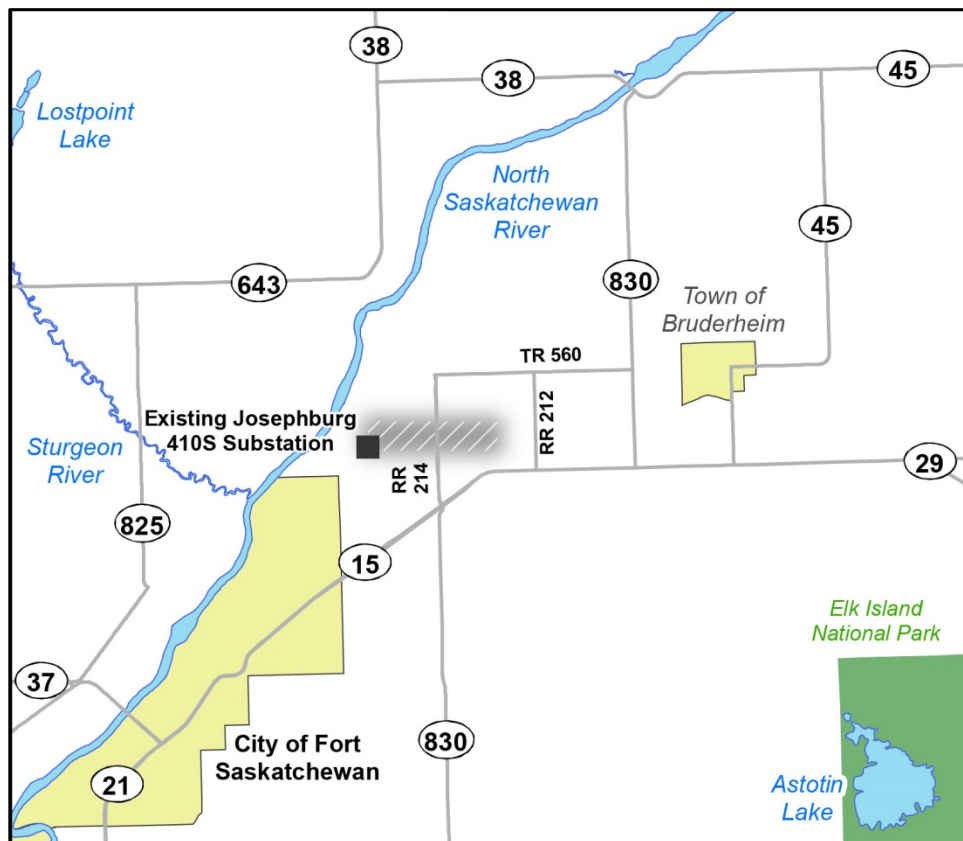
AESO Public Notification of NID Filing

Addressing the Need for the Heartland Generating Station Connection in the Fort Saskatchewan Area

The Alberta Electric System Operator (AESO) advises you that it intends to file a Needs Identification Document (NID) for the Heartland Generating Station Connection with the Alberta Utilities Commission (AUC) on or after April 19, 2017

ATCO Power Canada Ltd. (ATCO) has applied to the AESO for transmission system access to connect its approved Heartland Generating Station near the City of Fort Saskatchewan. ATCO's request can be met by the following solution:

- Add one 240 kV transmission line to connect ATCO's approved Lamont 400S substation to the existing Josephburg 410S substation in a radial configuration
- Modify the existing Josephburg 410S substation, including adding one 240 kV circuit breaker
- Add or modify associated equipment as required for the above transmission development



The black square indicates the approximate location of the existing Josephburg 410S substation, which is at NE-30-55-21-W4. The shaded area on the map indicates the approximate location of the 240 kV transmission line. In a separate application called a Facility Application, AltaLink Management Ltd. (AltaLink), the transmission facility owner (TFO) in the Fort Saskatchewan area, will describe the proposed developments and locations and request AUC approval to construct and operate the specific transmission facilities.

The AESO and AltaLink presented this need to stakeholders, including residents, occupants and landowners, from April 2014 to April 2017. The AESO has considered feedback gathered from stakeholders, and technical and cost considerations, and will apply to the AUC for approval of the need for this transmission development. Once it is filed, the NID will be posted on the AESO website at <https://www.aeso.ca/grid/projects/heartland-generating-station-interconnection/>

Please visit our website, www.aeso.ca for more information, or contact the AESO at 1-888-866-2959 or stakeholder.relations@aeso.ca