

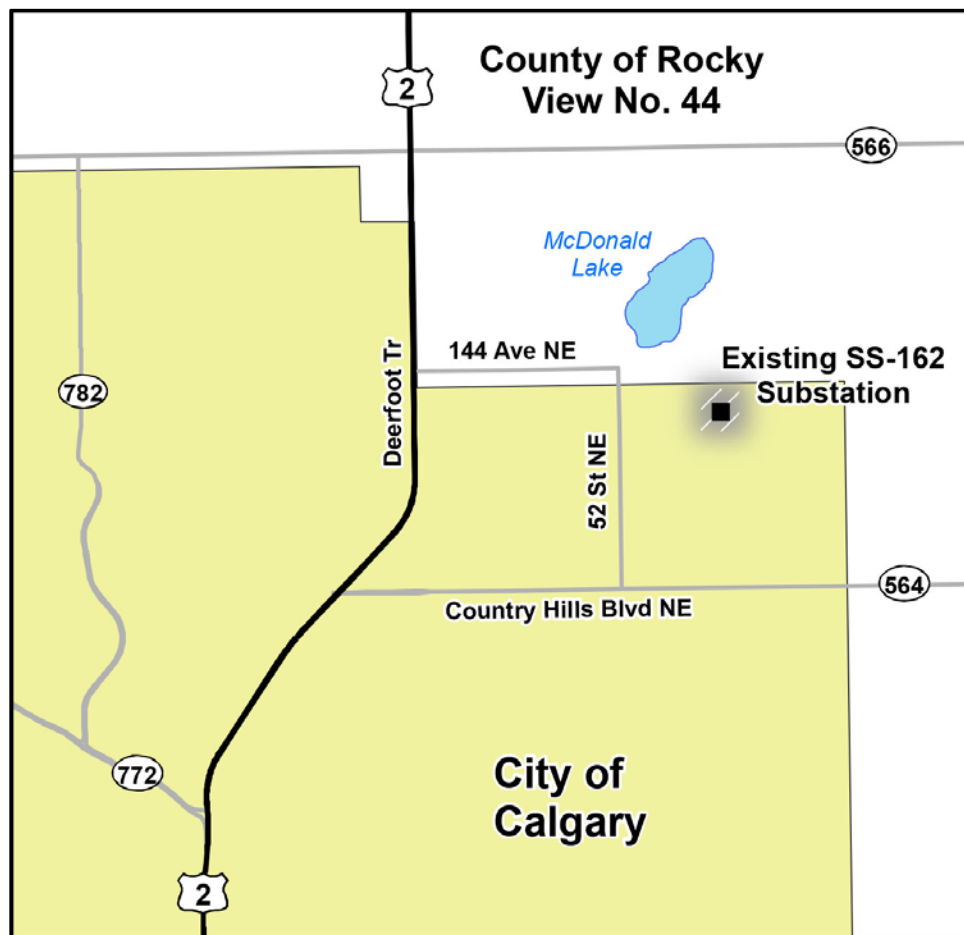
AESO Public Notification of NID Filing

Addressing the Need for the Calgary Energy Centre Peaking Plant Connection in the Calgary Area

The Alberta Electric System Operator (AESO) advises you that it intends to file a Needs Identification Document (NID) for the Calgary Energy Centre Peaking Plant Connection with the Alberta Utilities Commission (AUC) on or after January 20, 2017.

Calgary Energy Centre No. 2 Inc. (CEC2) has applied to the AESO for transmission system access to connect its approved Calgary Energy Centre Peaking Plant in the Calgary area. CEC2's request can be met by the following solution:

- adding the SS-70 substation with three 138 kV circuit breakers and associated equipment
- connecting the SS-70 substation to the Calgary Energy Centre Peaking Plant
- modifying the existing SS-162 substation by adding one 138 kV circuit breaker and associated equipment, and
- adding one 138 kV transmission line to connect the SS-70 substation to the SS-162 substation in a radial configuration.



The black square indicates the approximate location of the existing SS-162 substation, which is at NE-35-25-29W4. The shaded area on the map indicates the approximate location of the proposed transmission developments, including the SS-70 substation and the 138 kV transmission line. In a separate application called a Facility Application, ENMAX Power Corporation (ENMAX), the transmission facility owner (TFO) in the Calgary area, will describe the proposed developments and locations and request AUC approval to construct and operate the specific transmission facilities.

The AESO and ENMAX presented this need to stakeholders, including residents, occupants and landowners, from October 2016 to January 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/calgary-energy-centre/>. Please visit our website, www.aeso.ca for more information, or contact the AESO at 1-888-866-2959 or stakeholder.relations@aeso.ca