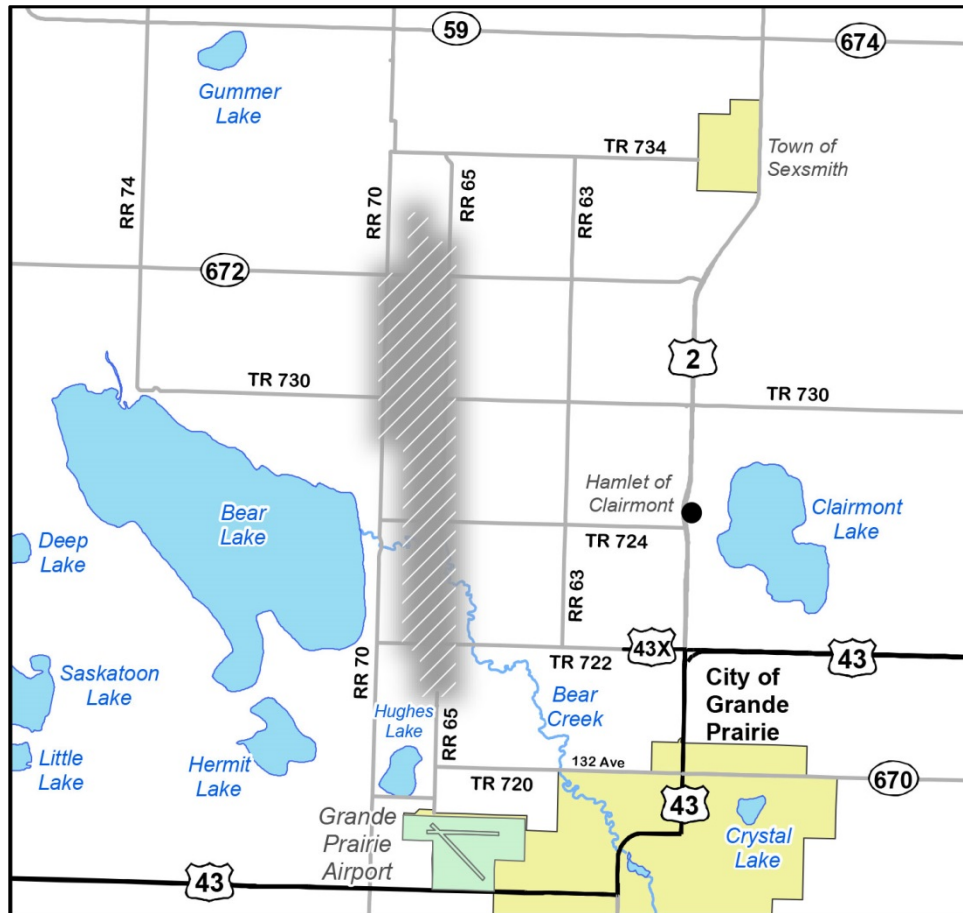


## AESO Public Notification of NID Filing

### Addressing the Need for the Hughes 2030S Substation in the City of Grande Prairie Area

The Alberta Electric System Operator (AESO) advises you that it intends to file a Needs Identification Document (NID) for the Hughes 2030S Substation with the Alberta Utilities Commission (AUC) on or after June 22, 2016.

ATCO Electric Ltd. (ATCO) has applied to the Alberta Electric System Operator (AESO) for transmission system access to reliably supply growing demand for electricity in the City of Grande Prairie area. ATCO's request can be met by: building the Hughes 2030S substation with one 144/25 kV transformer, three 144 kV circuit breakers, seven 25 kV breakers, and associated equipment; and building two 144 kV transmission lines, each approximately 15 km, to connect the Hughes 2030S substation to the existing 144 kV transmission line 7L22.



The shaded area on the map indicates the approximate location of the proposed transmission development, which is northwest of the City of Grande Prairie. In a separate application called a Facility Application, ATCO Electric Ltd. (ATCO), the transmission facility owner (TFO) in the City of Grande Prairie area, will describe the specific transmission facility developments and request AUC approval to construct and operate these transmission facilities. The shaded area includes the proposed Hughes 2030S substation and ATCO's route options for the proposed 144 kV transmission lines. The specific routes may extend beyond the area shown.

The AESO and ATCO presented this need to stakeholders, including residents, occupants and landowners, from November 2015 to June 2016. 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 <http://www.aeso.ca/transmission/32951.html>

Please visit our website, [www.aeso.ca](http://www.aeso.ca) for more information, or contact the AESO at 1-888-866-2959 or [stakeholder.relations@aesoc.ca](mailto:stakeholder.relations@aesoc.ca)