

Notification of Needs Identification Document Filing Addressing the Need for the Kirby North Central Processing Facility Connection in the Conklin Area

The Alberta Electric System Operator (AESO) advises you that it intends to file a Needs Identification Document (NID) for the Kirby North Central Processing Facility Connection with the Alberta Utilities Commission (AUC) on or after June 15, 2018.

Canadian Natural Resources Limited (Canadian Natural) has applied to the AESO for transmission system access to connect its proposed oil sands recovery facility, called the Kirby North Central Processing Facility (the Facility) in the Conklin area. The Facility will be served by Canadian Natural's proposed Margie 1034S substation. Canadian Natural's request can be met by the following solution:

- Add one new 138 kV circuit to connect the Facility to the existing 138 kV transmission line 789L.
- Add or modify associated equipment as required for the above transmission developments.



The grey shaded area on the map indicates the approximate location of the proposed transmission developments, including the 138 kV transmission line. The specific transmission facilities may extend beyond the shaded area shown.

Canadian Natural is responsible for siting, routing, and constructing the new 138 kV circuit. AltaLink Management Ltd. (AltaLink) is a transmission facility owner (TFO) in the Conklin area and is responsible for operating and maintaining the new 138 kV circuit and the associated facilities.

In February 2018, the AESO, Canadian Natural and AltaLink began presenting the need for this transmission development to stakeholders, including residents, occupants, landowners, and Indigenous Communities. The AESO will apply to the AUC for approval of the need. Once filed with the AUC, the NID will be posted on the AESO website at <https://www.aeso.ca/grid/projects/kirby-north-central-processing-facility-connection/>

In separate applications, called Facility Applications, Canadian Natural and AltaLink 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 or contact us at 1-888-866-2959 or stakeholder.relations@aes0.ca.