

# Need for the Kirby North Central Processing Facility Connection in the Conklin Area

*Canadian Natural Resources Limited (Canadian Natural) has applied to the Alberta Electric System Operator (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:*

## PROPOSED 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.

## NEXT STEPS

- The AESO intends to apply to the Alberta Utilities Commission (AUC) for approval of the need in mid-2018.
- The AESO's needs identification document (NID) application will be available on the AESO's website at [www.aeso.ca/grid/projects](http://www.aeso.ca/grid/projects) at the time of its application to the AUC.

*The following organizations have key roles and responsibilities in providing access to the transmission system:*

## THE AESO

- Must plan the transmission system and enable access to it for generators and other qualified customers.
- Is regulated by the AUC and must apply to the AUC for approval of its NID.

## CANADIAN NATURAL

- Has requested transmission system access to connect the Facility.
- Is responsible for detailed siting and routing, and constructing the new 138 kV circuit to connect the Facility to the existing 138 kV transmission line 789L.
- Is responsible for detailed siting and routing, constructing, operating and maintaining the Margie 1034S substation.
- Must apply to the AUC for approval of its transmission facilities applications.

## ALTALINK MANAGEMENT LTD.

- Is the transmission facility owner in the Conklin area.
- Is responsible for operating and maintaining the new 138 kV circuit and the associated equipment required to connect the Facility to the existing 138 kV transmission line 789L.
- Is regulated by the AUC and must apply to the AUC for approval of its transmission facilities applications.

## WHO IS THE AESO?

The Alberta Electric System Operator (AESO) plans and operates Alberta's electricity grid and wholesale electricity market safely, reliably and in the public interest of all Albertans. We are a not-for-profit organization with no financial interest or investment of any kind in the power industry.

We appreciate your views, both on the need for transmission system development and proposed transmission plans. If you have any questions or comments, please contact us directly.

## CONTACT US

### Alberta Electric System Operator

AESO Stakeholder Relations  
[stakeholder.relations@aes0.ca](mailto:stakeholder.relations@aes0.ca)  
1-888-866-2959

2500, 330-5th Avenue SW  
Calgary, AB T2P 0L4  
Phone: 403-539-2450

[www.aeso.ca](http://www.aeso.ca) | [@theaes0](https://twitter.com/theaes0)