

July 30, 2025

Notified Market Participant Corporate Legal Name

Address Line 1.

Address Line 2.

City, Province, Postal Code.

Dear **Notified Market Participant Primary Contact:**

Re: **Need for the Fox Meadows Wind Project Connection**

The Alberta Electric System Operator (AESO) would like to advise you that ABO Energy Canada Ltd. (ABO) has applied for transmission system access to connect its approved Fox Meadows Wind Project (Facility) to the Alberta interconnected electric system (AIES) in the AESO's Central Planning Region.

The purpose of this letter is to advise you that the AESO has identified that, under credible worse case forecast conditions, the **[Effective Generation Facility Name] ([Effective Generation Facility Asset ID])** may be affected following the connection of the Facility.

Connection Assessment Findings

An engineering connection assessment was carried out by the AESO to assess the transmission system performance following the connection of the Facility. The connection assessment identified the potential for thermal criteria violations following the connection of the Facility, under credible worse case forecast conditions, with all transmission facilities in service (Category A).

Category A thermal criteria violations on the 138/144 kV (kilovolt) transmission lines 7L760 and 7L132 were exacerbated following the connection of the Facility. New Category A criteria violations were observed on the 138 kV transmissions lines 472L, 715L, 749AL, and 715AL following the connection of the Facility. Should the AESO determine that mitigation is required to address potential thermal criteria violations under Category A conditions, the AESO may develop operational procedures or other mitigation measures.

In addition, thermal criteria violations were also identified when a single transmission facility is out of service (Category B) following the connection of the Facility. To mitigate the potential Category B system performance issues, existing remedial action schemes (RASs) 134, 200, 203, 211, 204, modified RAS 238, and new RAS 213, may be used.

The AESO will make use of real-time operational measures to mitigate these potential system performance issues in accordance with [Section 302.1 of the ISO rules, Real Time Transmission Constraint Management](#) (TCM Rule), which is in effect today. When applied, the TCM Rule could result in the AESO issuing directives for curtailment to source assets that are effective in managing a constraint.

The connection assessment identified source assets, including the **[Effective Generation Facility Asset ID]**, which are effective in mitigating the potential transmission constraints.

For Further Information

The AESO Need Overview document is attached for your information. The AESO Need Overview describes the AESO's proposed transmission development to connect the Facility to the AIES.

The engineering connection assessment will be included in the AESO's Fox Meadows Wind Project Connection needs identification document (NID) application. Following submission of the NID application to the AUC, the NID application will be posted on the AESO website at:

<https://www.aeso.ca/grid/transmission-projects/>. Stakeholders will be notified when this occurs via the AESO stakeholder newsletter.

If you have any questions or concerns, please contact the AESO at 1-888-866-2959 or stakeholder.relations@aeso.ca

Attachments:

AESO Need Overview: ABO Fox Meadows Wind Project Connection