

Date:

Company name (if applicable):

Information requirements

Needs identification document application requirement (NID1)

Provide the information required under subsection 11(3) of the *Transmission Regulation*:

Needs identification document application requirement (NID2)

Provide information to support the independent system operator (ISO) assessment of the need and selection of a preferred option. This information should include but is not limited to:

- A desktop evaluation to evaluate the environmental and land use effects of the options.
- Technical analyses (such as power flow studies, stability studies, reactive power and other necessary studies) prior to and following connection of the applied-for load or generators.
- Short-circuit levels of all substations in the area under consideration before and after the proposed expansion or enhancements are completed.
- Transmission system losses before and after the proposed expansion or enhancements are completed.

[Please submit along with your application].

Needs identification document application requirement (NID3)

Provide the rationale, determination and assumptions for the following:

- The proposed transmission line configurations for each option:

- Applicable ratings/capability for major elements:

- Electrical configuration of proposed new substations or amendments to existing substations for breaker arrangements, line terminations and other major equipment:

Needs identification document application requirement (NID4)

Provide an AACE Class 4 cost estimate for the applied-for option in accordance with the requirements in ISO Rules Section 504.5 and the AESO Information Document #2015-002R, Service Proposals and Cost Estimating. The format of the cost estimate provided must take the form of the estimate summary that is obtained by completing the AESO's cost estimate template. [Please submit along with your application].

Needs identification document application requirement (NID5)

Indicate the date by which the transmission development described in the proposed needs identification document approval must be direct assigned to a transmission facility owner or market participant:

Needs identification document application requirement (NID6)

Describe the participant involvement program conducted by the ISO, including the rationale used to develop the participant involvement program (see Appendix A2 – ISO participant involvement program guidelines):

A summary of how the ISO addressed the issues raised by participants must be included in the needs identification document application: