

Feedback Form: Transmission Losses

Transmission Planning Guidelines – July 22, 2021

Feedback Provided by:

- Name: Hydro One Networks Inc.
- Title: Click or tap here to enter text.
- Organization: Hydro One Networks Inc.
- Email: [REDACTED]
- Date: 13 August 2021

To promote transparency, feedback submitted will be posted on the [Transmission Losses](#) webpage unless otherwise requested by the sender.

- The IESO has posted its draft guideline document for transmission losses, entitled Transmission Planning Guidelines: Consideration of Losses in the Transmission Planning Process, to the [Transmission Losses webpage](#).
- The IESO is seeking input from stakeholders on this draft guideline to help inform the final version. In compiling this guideline, which is a reflection of the work carried out today, the IESO has identified potential opportunities for improvement. These include:
 - Development of a decision making aid to more consistently inform if losses are a material consideration to be incorporated for a given plan.
 - Inclusion of consideration of transmission losses as a specific topic in internal training days within Power System Planning.
 - Refining guidance on the use of available marginal costs and capacity values for determination of future loss savings, for both the IESO's and Hydro One's analysis.

Please provide feedback by August 13, 2021 to engagement@ieso.ca. Please use subject: *Feedback: Transmission Losses.*

- The IESO looks forward to further discussion with stakeholders on these items and other feedback that may be received upon further review of the guidelines. As an outcome of this

process, the IESO will revise this internal guideline document to capture any accepted recommendations.

Planning Processes

Topic	Feedback
Are there aspects of the current approach to options development and evaluation that don't sufficiently consider transmission losses? How could these be improved?	Click or tap here to enter text.

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Topic	Feedback
Other feedback on how losses are considered in the planning process?	See comments below.

Quantification of Losses

Topic	Feedback
Is the materiality of losses being appropriately balanced against other system costs in the discussed processes?	Click or tap here to enter text.

Identified Improvements

Topic	Feedback
Do you believe the areas identified for improvement will provide value? Do you have suggestions to enhance/modify the scope of the high-level areas of improvement?	Click or tap here to enter text.

Topic	Feedback
Are there additional measures to reduce losses, related to the planning process, beyond what is contained in these guidelines, that we can explore the potential benefits of as part of this engagement?	Click or tap here to enter text.

General Comments/Feedback

Hydro One has reviewed the IESO line loss guideline and is providing the following comments:

- The IESO guideline should document the process in respect of transmission losses and describe when a transmitter's line loss process would apply.
- In the alternative to the proposed loss curve for transfers across an interface, Hydro One proposes that the transmission losses can be determined at the time of the load flow simulation without the need to prepare a loss curve.