

# Feedback Form

## Gatineau Corridor End-of-Life Study- April 14, 2022

### Feedback Provided by:

Name: Carl Huslig

Title: Senior Consultant

Organization: Grid Reliability Consulting

Email: [REDACTED]

Date: May 5, 2022

Following the Gatineau End-of-Life Study planning engagement webinar held on April 14, 2022, the Independent Electricity System Operator (IESO) is seeking feedback as outlined during the presentation. A copy of the presentation as well as a recording of the session that includes an overview of the feedback request, can be accessing from the engagement webpage.

**Please submit feedback to [engagement@ieso.ca](mailto:engagement@ieso.ca) by **May 5, 2022**.**

Topic	Feedback
<p>What additional information should be considered in the study assumptions to determine electricity needs?</p>	<p>Although Grid Reliability agrees that the Gatineau Corridor has several segments that have reached their end-of-life, that alone should not mean refurbishment is the correct solution. We believe the IESO should review whether the continued operation of the Gatineau Corridor is in the best interest of Eastern Ontario and in some ways all of Ontario. We believe now is the right time to develop a high voltage transmission network for the Greater Ottawa Region that provides for a more economic dispatch of resources in that region. For the outage of the 500 kV lines from Lennox, a robust Greater Ottawa high voltage network may eliminate the need for the Gatineau Corridor. In addition, the Ontario generation resources (types and locations) have changed since the Gatineau Corridor was constructed so does the Gatineau Corridor still serve the same purpose? From an environmental perspective, is now the time to consider removing the transmission lines through the Algonquin Park?</p>
<p>What feedback is there on the recommended scope of refurbishment for the EOL facilities and integrated solution package?</p>	<p>We do agree with the recommended transmission project to better serve Peterborough to Quinte West. However, as Grid Reliability has participated in the Eastern Ontario planning processes, we believe a robust transmission grid in the Greater Ottawa area may be a better solution than refurbishment of the Gatineau Corridor. As we analyzed the transmission system encompassed by this study, we believe there is still an extreme event outage that would take out the entire corridor and create potential outages under a N-1 operating condition. As we stated above, removing the Gatineau Corridor could be an environmental win for Algonquin Park and the First Nations. We would be happy to share our thoughts on the new transmission projects that would accomplish this goal.</p>
<p>What information should be considered in finalizing the recommendations?</p>	<p>As the entity responsible for the planning and operating the Ontario transmission system, the IESO should take time to study Eastern Ontario region based on the needs and facilities that exist today. The Gatineau Corridor has served its purpose for many years. However, does it still make sense from an environmental, efficiency, and reliability perspective?</p>

## General Comments/Feedback

It appears that the IESO chose the refurbishment scenario based on the following (slide 24): A decision to either refurbish the EOL facilities “like-for-like” or decommission and replace them with new cost-effective facilities that provide additional value must be made now, as alternatives such as new transmission lines typically take 7 years to design, approve and construct AND the system requires replacement before 2028. Grid Reliability believes the IESO should seek proposals from independent transmission developers that could plan, develop, and construct “new cost-effective facilities) by 2028.