Feedback Form

Regional Electricity Planning in the GTA West Region – April 2, 2026

Feedback Provided by:

Name: Chris Caners

Title: Director, Clean Electrification

Organization: The Atmospheric Fund

Email:

Date: April 23, 2026

To promote transparency, feedback submitted will be posted on the GTA West engagement webpage unless otherwise requested by the sender.

Following the GTA West regional planning webinar held on April 2, 2026, the Independent Electricity System Operator (IESO) is seeking feedback on the identified electricity needs and initial screening of potential options. A copy of the presentation as well as recording of the session can be accessed from the engagement web page.

Please submit feedback to engagement@ieso.ca by April 23, 2026.

Topic	Feedback
What feedback do you have on the wire and non-wire options that will be	Please see comments below.

Topic	Feedback
considered to meet the region's electricity needs?	
What additional information should be considered in the evaluation of wire and non-wire options?	Please see comments below.
Are there other types of information that would be helpful for us to provide in future engagements to enhance understanding of community perspectives and insights?	Please see comments below.

General Comments/Feedback

Can you please provide a detailed description of the methodology used to screen specific resource options in and out of consideration and the results of this analysis, including: what type of framework and specific criteria were applied (e.g., cost, timing, technical feasibility, system impact); how were these criteria defined and weighted; and, how were non-wires solutions compared to wires solutions and what were the full results of this comparative analysis?
Can you please clarify how "incremental eDSM" is defined within the analysis, and how it differs from other demand-side resources such as: demand response; distributed generation; distributed storage; and, other non-wires alternatives.
How are large loads (e.g., data centers) incorporated into demand forecasts? Are these based on connection requests, contracts, or developer plans? How is potential duplication across interconnection queues addressed?
How does the analysis account for uncertainty in large load forecasts, including: project delays or cancellations; variability in adoption rates; and, technological changes (e.g., improvements in energy efficiency)?
Are large loads modeled as fixed and inflexible demand, or is any operational flexibility (e.g., demand response participation, curtailment potential) considered?
Is demand-side management (eDSM) integrated within the core demand forecasting methodology (e.g., bottom-up/end-use modeling), or applied as a top-down adjustment? If the latter, has embedding eDSM within the core modeling framework been considered?
How is consistency achieved across demand forecasts developed by different LDCs? Is there a standardized methodology or guidance? Has integrated regional modeling been considered to capture system-level interactions? How is double-counting of new loads in each LDC jurisdiction prevented (e.g. data centres with more than one interconnection request at LDCs)?
Has scenario-based analysis been conducted to reflect uncertainty in key drivers (e.g., electrification rates, large load growth, policy changes)? If so, can these scenarios be shared? If not, are there plans to incorporate scenario-based planning?
How are future supply gaps resolved in the analysis? What assumptions are made regarding the

generation mix (e.g., non-emitting vs emitting sources) in these cases? Are the emissions implications of these assumptions explicitly modeled?
Was a standardized or quantitative framework with consistent with GTA North and Toronto used to support forecasting?