

Feedback Form

Regional Electricity Planning in GTA West – October 29, 2024

Feedback Provided by:

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Date: November 14, 2024

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

Following the GTA West regional planning webinar held on October 29, 2024, the Independent Electricity System Operator (IESO) is seeking feedback on the draft Scoping Assessment Outcome Report posted on the IESO's website. A copy of the presentations as well as recordings of the sessions can be accessed from the [engagement web page](#).

Please submit feedback to communityengagement@ieso.ca by November 14, 2024.

Draft Scoping Assessment Outcome Report

Topic	Feedback
What additional information should be considered as part of the Scoping Assessment?	Click or tap here to enter text.
What other considerations based on local developments should be made regarding the areas identified as requiring further study?	Click or tap here to enter text.
What other areas or specific considerations should be examined through regional planning?	Click or tap here to enter text.

General Comments/Feedback

Enbridge Gas advocates for a coordinated approach to energy system planning between the electric and gas sectors to identify the most reliable, resilient and affordable pathway to greenhouse gas (GHG) emissions reductions. A well-rounded and coordinated planning strategy will help optimize the energy systems in the GTA West region, while also supporting the GHG emission reduction targets and meeting the region's growing energy demands. Coordination should occur at both distribution and transmission system planning levels to fully leverage existing systems. Enbridge Gas is prepared and would welcome the opportunity to work with IESO and the core GTA West Region Technical Working Group (TWG) on its Integrated Regional Resource Plan (IRRP) for the region, and to explore the optimal scenario that leverages the benefits of both energy systems to meet the local energy needs.

In developing the IRRP electricity demand forecast, Enbridge Gas recommends considering a diversified scenario that includes both electric and low-carbon gas (such as renewable natural gas (RNG) and hydrogen). Examples of electric and gas systems working in a coordinated manner are gas-fired power generation (on a system level) and hybrid heating and combined heat and power (on a site level). With the increased transmission and distribution of RNG and hydrogen in Ontario, GHG reductions can be achieved while maintaining system reliability through the use of gas-fired generation plants to meet peak demands. This approach avoids overbuilding the electricity system to handle peak heat loads in winter, allowing natural gas usage to transition to low and zero carbon fuels over time.

Enbridge Gas believes that Ontario can benefit from a balanced and orderly transition to a low-emission and diversified energy system, incorporating new energy technologies over time. Ontarians expect – and deserve – access to reliable, resilient, and cost-effective energy systems. A collaborative

and coordinated approach to energy planning can lead to better investments in both gas and electricity systems, driving optimal solutions for the GTA West region.