

Feedback Form

Regional Electricity Planning in Windsor-Essex Area – December 12, 2023

Feedback Provided by:

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Following the Windsor-Essex electricity planning engagement webinar held on December 12, 2023, the Independent Electricity System Operator (IESO) is seeking feedback on the draft electricity demand forecast scenarios and Engagement Plan. A copy of the presentation as well as a recording of the session can be accessed from the [engagement web page](#).

Please submit feedback to engagement@ieso.ca by January 5, 2024.

Topic	Feedback
What additional information, if any, should be incorporated in the proposed scenarios? How can the proposed scenarios best capture the range and uncertainty of growth potential while informing near-term infrastructure investments?	<p>In the development of the IRRP electricity demand forecast, Enbridge Gas suggests that a diversified scenario that includes both electric and low-carbon gas (i.e., renewable natural gas and hydrogen) be considered. Good examples of electric and gas systems working in a coordinated manner is gas-fired power generation (on a system level) and hybrid heating (on a site level).</p> <p>In the Windsor-Essex area, natural gas power generation provides a critical component of the supply mix to ensure reliable and affordable access to energy is maintained,</p>

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	<p>particularly with the ongoing and future-anticipated significant industrial, commercial, and greenhouse growth.</p> <p>With the increase of RNG and hydrogen transmission and distribution in Ontario, GHG reductions will be observed while system reliability is maintained through the use of peaking gas-fired generation plants. This prevents overbuilding the electricity system to meet peak heat loads (including increased agricultural greenhouse needs) in the winter, and natural gas usage can transition to low and zero carbon fuels over time.</p>
<p>What local issues and concerns should be considered in the electricity planning?</p>	
<p>What information is important to provide to participants throughout this engagement?</p>	<p>The energy transition should be factored into the forecast, and demonstrated. Additional background information on the demand factor inputs would be useful.</p>
<p>Does the proposed Engagement Plan provide sufficient scope and opportunities for input?</p>	<p>Enbridge Gas is prepared and would welcome the opportunity to work with IESO and the core Windsor-Essex 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.</p>

General Comments/Feedback

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