

Feedback Form

Regional Electricity Planning in Toronto – April 16, 2024

Feedback Provided by:

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

Following the Toronto Region electricity planning engagement webinar held on April 16, 2024, 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 **May 7, 2024.**

Topic	Feedback
<p>What additional information, if any, should be incorporated in the proposed electricity demand scenarios? What are some of your key developments, projects or initiatives that should be considered in developing an electricity demand forecast for the Toronto region?</p>	<p>.</p>
<p>What local issues and concerns should be considered in the electricity planning?</p>	<p>One CDM approach that could be powerfully applicable to the dense part of downtown Toronto has been called 'networked geothermal' It uses borehole thermal energy storage, aka geo-heat exchangers (GHX) with industrial heat pump chillers similar to the recently completed project at the University of Toronto but with GHX drilled from the bottom parking level of several buildings all connected by directional drilling to form a loop thereby gaining diversity with possibly some supplemental heat. This would result a much lower peak demand than air source heat pumps for each building. See this article https://energynews.us/2024/04/05/networked-geothermal-is-catching-on-in-minnesota-new-legislation-aims-to-push-the-technology-further/ Put that together with the successful project of Fenix Energy at a Cadillac Fairview building in Vancouver. https://www.youtube.com/watch?v=wYjWrGNYOJY&t=24s</p>
<p>What information is important to provide to participants throughout this engagement?</p>	<p>Sanity checkable data such as specified above opposite additional information to be incorporated in demand scenarios and reader friendly segmentation such as provided in Table 12 of the Data Tables, New Load from Projects. But Table 12 begs the question why is the new winter demand for all three projects in the High Electrification scenario less than the Base scenario?</p>
<p>Does the proposed Engagement Plan provide sufficient scope and opportunities for input?</p>	<p>Click or tap here to enter text.</p>

General Comments/Feedback