

# Feedback Form

## Regional Electricity Planning in the GTA West Region – June 2, 2025

### Feedback Provided by:

Name: Cristina Guido

Title: Supervisor, Energy & Environment

Organization: Town of Caledon

Email: [REDACTED]

Date: June 23, 2025

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 June 2, 2025, the Independent Electricity System Operator (IESO) is seeking feedback on the draft electricity demand forecast and Engagement Plan. 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](mailto:engagement@ieso.ca) by June 23, 2025.**

Topic	Feedback
<ul style="list-style-type: none"> <li>What additional information, if any, should be incorporated in the proposed electricity demand scenario? How can the proposed scenario best capture the range and uncertainty of growth potential while informing near-term infrastructure investments?</li> </ul>	<p>The Town of Caledon and Hydro One have been meeting quarterly to discuss the development planning applications and the electricity projects to ensure the hydro capacity and infrastructure is able to match the timelines of the development applications approvals by the Town of Caledon. This information from these meetings through Hydro One would have been shared with IESO, including the energy requests/contracts from the individual developers on the future user and the Town would be able to share any additional information to IESO as required. In addition to the information provided by Hydro One and the Official Plan material as noted above, the Town of Caledon has two online mapping tools (Links provided below) that provide information on planning applications and building permit applications. The mapping functions provide detailed information on the size of the property and building, and if the applications are for residential or employment use. Many of the industrial development applications are warehouse and logistics that are speculative, and we would not have the details of the tenant, their business or their power needs until the time of a lease agreement. The links for the Building Permit Application Map and the Development Applications map are provided below: <a href="http://www.caledon.ca/en/living-here/building-permits.aspx">www.caledon.ca/en/living-here/building-permits.aspx</a><a href="https://www.caledon.ca/en/town-services/current-applications.aspx">https://www.caledon.ca/en/town-services/current-applications.aspx</a>. The Town has a Council-endorsed target to achieve net zero emissions by 2050, where in order to achieve these targets, electrification will be required of buildings and vehicle fleets. It will be important for the IESO to provide guidance and a clear methodology to LDCs to factor for municipal climate targets.</p>
<ul style="list-style-type: none"> <li>What local issues and concerns should be considered in the electricity planning?</li> </ul>	<p>Based on the current growth and the capacity of transmission stations and the existing/new distribution lines by Hydro One, it is understood that additional transmission lines are required to service growth in this area by 2030. It is also our understanding that without this infrastructure in place, there will not be capacity to service Caledon's growth beyond 2030. Additionally, there is uncertainty if Hydro One has a clear methodology of how to factor for the Town's net zero emissions by 2050 target when planning for electrical capacity requirements for new buildings.</p>

Topic	Feedback
<ul style="list-style-type: none"> <li>What information is important to provide to participants throughout this engagement?</li> </ul>	Information that will be important to provide to participants includes more details regarding how the IESO works with LDCs to factor for local community energy needs and how the IESO may be looking at non-traditional poles and wires solutions, such as looking at renewable energy and innovative forms of energy to service communities.
<ul style="list-style-type: none"> <li>Does the proposed Engagement Plan provide sufficient scope and opportunities for input?</li> </ul>	The Technical Advisory Group includes only IESO and LDCs, could there be special engagement with municipalities to ensure our local planning challenges and broader climate targets and programs are factored for?

## General Comments/Feedback

The Town has a Council endorsed target to achieve net zero emissions by 2050. In order to achieve these targets, new buildings and vehicle fleets in Caledon will need to rely on electrification. The Town is electrifying its own buildings, by retrofitting gas-consuming equipment in existing buildings and has its own Corporate Green Building Standard for new Town buildings that also achieves to have net zero emissions new buildings by 2030. The Town has significant growth and is already experiencing existing electrical capacity challenges. There have been large new industrial development applications that have been forced to utilize natural gas equipment due to lack of electrical capacity. Capacity challenges are also impacting ability to install renewable energy and generate clean electricity. The Town plans to undertake a renewable energy study to analyze where the opportunities are to expand electricity generation outside of traditional poles and wires. The Town can share these results once received. o The Town of Caledon will be experiencing a substantial amount of growth with population to increase from 80,000 to 300,000 by 2051. The growth will require the construction of over 60,000 homes over the next 25 years. In addition to the residential growth, employment will increase from 38,000 people to 150,000 by 2051. Within the Town of Caledon's "Future Caledon: Official Plan" <https://haveyoursaycaledon.ca/official-plan-review> it proposes an additional 1,530 hectares of employment land within the Settlement Boundary Expansion Area, which is to be developed by 2051.