

Feedback Form

Regional Electricity Planning in the London Area – April 1, 2025

Feedback Provided by:

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Date: April 10, 2025

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

The Independent Electricity System Operator (IESO) is seeking feedback on the scoping assessment report. A copy of the report and a narrated video presentation can be accessed from the [engagement web page](#).

Please submit feedback to engagement@ieso.ca by April 15, 2025.

Topic	Feedback
What additional information should be considered as part of the Scoping Assessment?	

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What additional considerations, based on local developments, should be taken into account for the areas identified as requiring further study?	As noted, capacity to deal with the scenario of faster-than-expected adoption/transition to electrified transportation (including heavy-duty vehicles), space heating, DHW heating, and DERs (solar PV, BESS and other storage) – i.e., can the grid accommodate this if demand takes off? In London, we have had issues with the Talbot TS capacity limits preventing Londoners and London businesses who wanted to install solar PV. We must avoid situations where we prevent people/businesses from taking climate action, as it's hard enough to get people to take action in the first place.
What other areas or specific considerations should be examined through regional planning?	Climate change adaptation and resilience risks, including but not limited to transformer stations exposure to flooding risks (fluvial and pluvial), impacts of prolonged extreme heat waves (on peak demand as well as on infrastructure itself), impacts and recovery from severe weather (ice storms, derecho/tornadoes)

General Comments/Feedback

The City of London and its consultant, SSG, is about to complete its detailed CityInSight modelling of future energy demand and associated GHG emissions under four scenarios: 1 – Business as Usual (current per capita energy demand remains unchanged), 2 – Current Measures (impact of approved local, provincial and federal climate policies), 3 – Net Zero (Current Measures plus proposed provincial and federal policies including Clean Electricity Regulations and CCUS), and 4 – Zero Carbon (faster-than-anticipated electrification, renewables, and energy storage adoption makes CCUS unnecessary). SSG has also worked with London Hydro, with federal funding from the CAAF program for a Western University led project, to take the modelled annual energy consumption forecasts from these scenarios to estimate seasonal hourly peak electricity demand.