

Feedback Form

Regional Electricity Planning in Toronto – December 5, 2024

Feedback Provided by:

Name: Eric Stark

Title: volunteer

Organization: Citizens Climate Lobby

Email: [REDACTED]

Date: Jan 2, 2024

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

Following the Toronto regional planning webinar held on December 5, 2024, the Independent Electricity System Operator (IESO) is seeking feedback on the draft regional electricity needs and the Local Achievable Potential Study. A copy of the presentations as well as recordings of the sessions can be accessed from the [engagement web page](#).

Please submit feedback to engagement@ieso.ca by January 3, 2025.

Regional Planning - Draft Electricity Needs

Topic	Feedback
What feedback do you have regarding the draft electricity needs identified?	<p>As I understand it the IESO role is to balance electricity supply to demand and ensure demand is met in the present and well into the future within certain constraints. Those constraints include economic constraints - maintaining competitive and affordable rates, as well as social and environmental constraints - ensuring supply generators act responsibly in terms of labour relations, employment standards, indigenous relations, pollution controls and limiting greenhouse gas emissions to the level that meet our national and international obligations.</p> <p>Supply bids must be judged on criteria that meet all these constraining factors. Energy contracts with other provinces and U.S. states also need to be judged on all these criteria.</p>
What feedback do you have regarding how to meet the electricity needs to inform upcoming milestones?	<p>I have concerns in your forecasts on your reliance on unproven technologies and their unknown potential costs - in particular SMRs and gas + CCS.</p> <p>e.g. "and then later in the 2020s and early 2030s we'll see the small modular reactors start to come."</p>
What additional information should be considered as we screen high-level potential options?	<ul style="list-style-type: none">• Costing the Pickering Nuclear Power plant refurbishment, and the risk assessments given it's proximity to a densely populated urban metropolis of nuclear malfunction, nuclear waste storage and transportation accidents.• Pricing policies the reward wasting energy - discounts to industrial users based on their energy consumption vs on their energy conservation/efficiency measures. For example, the need for a pricing model for cryptocurrency / AI energy usage at data centres.• Integration with Thermal Storage / District Energy opportunities to moderate Electricity Demand in

Topic	Feedback
	coordination with Enwave and other potential DE providers to expand their Thermal Energy networks.
What additional information should be provided in future engagements to help understand perspectives and insights?	Click or tap here to enter text.

Local Achievable Potential Study (LAPS)

Topic	Feedback
What feedback do you have on the scope that the IESO should consider?	Click or tap here to enter text.
What feedback do you have on the methodology that the IESO should consider?	Click or tap here to enter text.
What feedback do you have on the potential uses for the LAPS that the IESO should consider?	Click or tap here to enter text.
What additional sources or regional policies and trends should be considered?	From a GHG emissions perspective and a local source of pollutants e.g. NOx, the Portlands Energy Centre is no longer viable. It should be converted into a battery storage centre with a massive buildout of solar facilities within the city of Toronto.

General Comments/Feedback

Click or tap here to enter text.