

Feedback Form

Regional Electricity Planning in the Peterborough to Kingston Electrical Region – October 2, 2025

Feedback Provided by:

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Email:

Date: October 2, 2025

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

Following the Peterborough to Kingston electricity planning municipal focused discussions held on Thursday September 4, 2025, and Friday September 5, 2025, the Independent Electricity System Operator (IESO) is seeking feedback on the draft electricity demand forecast scenarios and the proposed engagement plan.

Local considerations and feedback are a critical component of planning work completed by the IESO. As this electricity planning work continues the IESO wants to hear from you.

Please submit feedback to engagement@ieso.ca **by October 2, 2025.**

Peterborough to Kingston Regional Planning

Feedback shared in the below table will be shared publicly, unless otherwise noted.

Topic	Feedback
What additional information, if any, should be incorporated in the proposed scenarios?	<ol style="list-style-type: none"> 1) Economic and Demographic Drivers: Updated municipal housing targets and regional growth plans. Economic development projects (e.g., industrial parks, data centers, manufacturing expansions). Employment trends and population migration patterns. 2) Electrification and Decarbonization Policies: Federal and provincial climate targets, heat pump adoption rates and retrofit programs. 3) Large Customer and Industrial Load Signals 4) Emerging Technologies and Market Trends ie EV charging infrastructure build out, energy storage cost trends and adoption rates 5) Resiliency and Climate Risk: extreme weather scenarios
How can the proposed scenarios best capture the range and uncertainty of growth potential while informing near-term infrastructure investments?	<ol style="list-style-type: none"> 1) Define clear signposts: identify measurable indicators that trigger scenario adjustments ie EV registration rates, housing permit approvals, and large industrial project announcements. 2) Stage infrastructure investments: adopt a modular approach, short term: implement flexible, incremental upgrades. Medium term, prepare for scalable solutions if high growth indicators materialize 3) Integrate local and policy signals, align with municipal housing and climate plans, Provincial/Federal electrification targets.
What areas of concern or interest about electricity should be considered as part of the planning process?	<ol style="list-style-type: none"> 1) Reliability and Capacity: Station and Supply Capacity: Ensure transformer stations and transmission lines can handle projected load growth. End-of-Life Assets: Replacement of aging infrastructure (e.g., Cataraqui TS transformers). Specific to Belleville 2) Electrification and load growth: Transportation Electrification, impact of EV adoption on peak demand. Building Electrification, attached is a housing needs assessment and our municipalities' input that has been shared with our LDS partners, a confidential document.

Topic	Feedback
<p>What information is important to provide throughout the engagement? Does the proposed Engagement Plan provide sufficient scope and opportunities for input? What other engagement activities or methods should be considered?</p>	<p>What information is important to provide throughout the engagement?</p> <ul style="list-style-type: none"> • Clear and timely updates on demand forecast assumptions, identified system needs, and how feedback is being incorporated. • Detailed analysis of options (both wires and non-wires), including cost, feasibility, and community impact. • Alignment with municipal and Indigenous plans, climate goals, and local development priorities. • Progress reports at each milestone, with transparent rationale for decisions. <p>Does the proposed engagement provide sufficient scope and opportunities for input?</p> <ul style="list-style-type: none"> • Opportunities: <ul style="list-style-type: none"> ○ Add mechanisms for continuous dialogue between webinars. ○ Provide technical workshops for stakeholders who need deeper data insights. <p>What other engagement activities or methods should be considered?</p> <ul style="list-style-type: none"> • Scenario planning sessions to validate assumptions and stress-test options. • Regular newsletters and virtual Q&A sessions to maintain engagement and transparency

General Comments/Feedback

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