

From: [IESO Engagement](#)
Subject: Peterborough to Kingston Long-term Electricity Plan Posted
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CAUTION: External E-Mail

The Peterborough to Kingston Integrated Regional Resource Plan (IRRP), which considers the long-term electricity demand growth and supply conditions over the next 20 years, is now [online](#) along with a response to the feedback received following the September 28 webinar.

The IRRP identifies that the capability of existing electricity infrastructure in the region is at or approaching its limits due to steady local growth and electrification initiatives. Based on feedback received during the engagement process, the IRRP used a high growth scenario to inform its development to align with intensification targets and plans to implement local electrification strategies including electric vehicles and fuel switching. Long-term needs present an opportunity to explore emerging alternative solutions, which was also a key area of feedback received during the engagement initiative for the development of the plan.

Key recommendations in the IRRP include:

- In the near-term, advancing end-of-life upgrades required at Gardiner TS to meet capacity needs,
- An expansion at the existing site Belleville TS to include a second transformer station to meet near-term needs, with an expected in-service date of 2025; and,
- Closely monitoring load growth at Frontenac TS to initiate development and siting work now to build a new transformer station in Kingston when needed; while exploring energy efficiency and energy storage options to delay the need at this station.

For background about the study scope, engagement and details about the Peterborough to Kingston electricity planning region, visit the [engagement web page](#) and download the full IRRP report.

The engagement for the development of the 2021 Peterborough to Kingston IRRP is now closed. The IESO appreciates the participation and input received throughout the engagement initiative and looks forward to continuing discussions through the East Regional Electricity Network. Register to join on [IESO Connects](#). By joining IESO Connects, you will receive a regular newsletter with information specific to your region which includes updates on local planning initiatives. Or [subscribe](#) to receive the IESO's weekly Bulletin or for information specifically related to electricity planning activities.

Please contact engagement@ieso.ca if you would like to discuss the Peterborough to Kingston IRRP or if you have any questions.

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