

IESO Engagement

From: IESO Engagement
Sent: December 22, 2022 2:28 PM
To: IESO Engagement
Subject: Niagara Region Electricity Plan Posted

The Niagara Region electricity plan – Integrated Regional Resource Plan (IRRP) – that considers electricity demand and supply conditions over the next 20 years, is now [online](#) along with a response to the [feedback](#) received.

Sustained regional growth in specific pockets including in West Lincoln, Lincoln, Welland, Thorold, and Niagara Falls are driving emerging station capacity, supply capacity, asset replacement, and load security needs. To accommodate load growth, maintain reliability and optimize asset replacement, the plan recommends a package of solutions – with key recommendations being:

- Load transfers from Beamsville Transformer Station (TS) and a new or expanded 230 kV station in the Lincoln/West Lincoln area with a target in service date of 2026-2027;
- Replacement of 115 kV Crowland TS in the City of Welland with a larger 230 kV station and new ~18 km 230 kV transmission lines running south between Welland and Thorold with a target in service date of 2028;
- Upgrade of an existing circuit and implementation of a control actions to manage the load in the Niagara Region to be implemented starting in 2024; and,
- Ongoing monitoring of growth and exploring opportunities for targeted conservation and demand management particularly in areas with near-term needs until transmission reinforcements are in-service.

For background about the study scope, engagement and details about the Niagara Region, visit the [engagement webpage](#) and download the full [IRRP report](#).

This concludes our engagement initiative. The IESO appreciates your participation and input received throughout the engagement initiative and looks forward to continuing discussions through the Southwest Regional Electricity Network. Register to join on the [IESO website](#). As a reminder, to stay informed about future electricity planning activities in your region please [subscribe](#) to receive updates.

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

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Community Engagement
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