

## IESO Engagement

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**From:** IESO Engagement  
**Sent:** December 22, 2022 3:59 PM  
**To:** IESO Engagement  
**Subject:** Renfrew Region Electricity Plan Posted

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

This IRRP report summarizes upcoming power system capacity, reliability, and end-of-life asset replacement needs and recommends specific investments to address the most imminent issues. Specifically, station capacity issues were identified in the Pembroke, Petawawa, and Laurentian Valley areas.

A strong theme heard through the engagement is the increase in residential developments caused by migration away from urban centers. The impact of electrification plans, which is being felt across the province, could also accelerate the region's transmission system upgrades that has historically seen flat growth. Annual monitoring of potential issues will provide additional input on when the next regional planning cycle should be initiated.

This IRRP recommends near-term activities to manage longer-term requirements that are beginning to cause the transmission system to reach capacity. The package of solutions includes:

- Build a new High Voltage Distribution Station (HVDS) near Petawawa Distribution Station (DS)
- Following further analysis during the Regional Infrastructure Plan period, build either a new Transmission Station or a new High Voltage Distribution Station (HVDS) in the Pembroke area
- Perform a 2MW transfer of load from Forest Lea DS to Craig DS through an existing transmission tie-line

The report also recommends continued monitoring of potential long-term, high growth in the Petawawa region, and when deemed necessary, installing a capacitor to increase the load meeting capability of the sub-system.

For background about the study scope, engagement and details about the Renfrew electricity planning region, visit the [engagement webpage](#) and download the full [IRRP report](#).

The posting of the IRRP now concludes this engagement initiative. The IESO appreciates your participation and input, and looks forward to future discussions with the East Regional Electricity Network. [Register](#) and [subscribe](#) for updates to keep informed about future electricity planning initiatives.

Please contact [engagement@ieso.ca](mailto:engagement@ieso.ca) if you would like to discuss the Renfrew IRRP or if you have any questions.

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