

IESO Engagement

From: IESO Engagement
Sent: May 26, 2022 5:03 PM
To: IESO Engagement
Subject: South Georgian Bay/Muskoka Integrated Regional Resource Plans Posted

The South Georgian Bay/Muskoka Integrated Regional Resource Plan (IRRP) reports are now available online for the [Barrie/Innisfil sub-region](#) and [Parry Sound/Muskoka sub-region](#). The IRRPs consider electricity demand and supply conditions over the next 20 years, and identify electricity system needs specifically related to supply capacity and end-of-life.

Additional details about the study scope, engagement details and the electricity planning sub-regions, are available in the [Barrie/Innisfil](#) and the [Parry Sound/Muskoka](#) reports. The report appendices will be posted online in the coming weeks. The IESO did not receive any feedback submissions following the April 2022 webinars.

The Barrie/Innisfil IRRP recommends a specific transmission upgrade of a new transformer station to serve the growth anticipated in the Innisfil area. Both reports recommend continued consideration of opportunities for incremental, cost-effective Conservation and Demand Management (CDM) to defer medium to longer-term regional needs.

Further information about the key recommendations are described below.

Key recommendations in the Barrie/Innisfil IRRP:

- In the near term, add station supply capacity to serve the growth anticipated in Innisfil by constructing a new transformer station, which will tap into the 230 kV circuits supplying the Barrie Transformer Station (TS).
- Between planning cycles, further consider identified opportunity for incremental, cost-effective CDM to defer a system capacity need arising in the longer term between Essa TS and Midhurst TS in 2034.
- As part of the IESO's Bulk Planning process, consider the need identified pertaining to the autotransformers at Essa TS that are expected to be overloaded today, under certain conditions.

Key recommendations in the Parry Sound/Muskoka IRRP:

- Consider incremental, cost-effective CDM to defer a station capacity need arising in 2027 at Waubaushene TS, until the station transformers are replaced in 2030 as part of their planned end-of-life. The Report also calls for a backstop solution to be committed in 2024, should the CDM option not be viable.
- Between planning cycles, further consider longer-term opportunity for incremental, cost-effective CDM to defer a system capacity need arising between Minden TS and Coopers Falls Junction in 2034.

The engagements for the development of the 2022 Barrie/Innisfil IRRP and Parry Sound/Muskoka IRRP of South Georgian Bay/Muskoka region are now closed. The IESO appreciates the participation and input received throughout the engagement initiatives and looks forward to continuing discussions through the GTA/Central Regional Electricity Network. [Subscribe](#) to the GTA/Central Electricity Network and the South Georgian Bay/Muskoka planning region to receive ongoing information specifically related to electricity planning activities in your area.

Please contact engagement@ieso.ca if you would like to discuss the South Georgian Bay/Muskoka IRRPs or if you have any questions. I will also reach out once the report appendices have been posted online.

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