

Feedback Form

Bulk Planning Updates Webinar (South and Central Bulk Plan) – May 29, 2025

Feedback Provided by:

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Date: June 18, 2025

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

Following the Bulk Planning Updates Webinar held on May 29, 2025, the Independent Electricity System Operator (IESO) is seeking feedback. A copy of the presentations as well as recordings of the sessions can be accessed from the [engagement web page](#).

Please submit feedback to communityengagement@ieso.ca by June 19, 2025.

South and Central Bulk Plan

Topic	Feedback
What feedback is there on the preliminary portfolios?	Please see comments below.
What information needs to be considered regarding the preliminary portfolios?	Please see comments below.
What additional information should be provided in future engagements to help share perspectives and insights?	Please see comments below.
What feedback is there on interest in future resource locations or future zonal distribution of incremental resources?	Please see comments below.

General Comments/Feedback

TC Energy is pleased to provide the following commentary to IESO's South and Central Bulk Planning engagement. TC Energy supports IESO's efforts to facilitate future generation connections and demand growth in southern and central Ontario, with the aim of supporting an affordable, secure, reliable and clean energy system.

TC Energy supports the transmission expansion of a 500 kV double-circuit line between Bruce and Essa TS to enable future growth at Bruce Power, and the Ontario Pumped Storage Project.

As Ontario builds its electricity system to support demand growth, the future will be powered by a portfolio of new generation and storage. With a prominent focus on nuclear power, Ontario will require significant amounts of energy storage capacity to balance and optimize existing and future nuclear generation. In response to this need, TC Energy is developing the Ontario Pumped Storage Project, designed to provide 1,000 megawatts of flexible, clean energy to Ontario's electricity system. Strategically located in Meaford, between Bruce Power and hydroelectric generation in northern Ontario, the Project can ensure that we are optimizing these assets and future assets - getting the most out of core electricity resources that Ontarians have relied on for generations and new investments needed to support Ontario's growth.

The transmission expansion of a 500 kV double-circuit line between Bruce C and Essa TS would provide opportunities for efficiency and rate-payer savings through joint efforts to coordinate transmission routing via the Huron Hub. The Huron Hub proposes to connect two large-scale, long-life, clean energy assets (Ontario Pumped Storage and Bruce C expansion) to Canada's largest electricity demand centre, the Greater Toronto Area, allowing Ontario to both serve a growing economy and achieve lower emissions targets. It would also synergistically support IESO's draft recommended option in the Northern Ontario System Bulk Plan to build a new 500 kV transmission line from Essa TS to Hanmer TS in Sudbury to support economic development, load growth, and more generation in Northern Ontario.

By leveraging long duration storage in proximity to Bruce Power we can limit the overall capacity required in the province by effectively storing excess electricity during periods of low demand and bolstering the ability to meet peak requirements. Through the combination of pumped hydro storage and nuclear power, Ontario can ensure greater grid reliability, maximize its nuclear assets, enhance overall system security and affordability, and reduce sectoral carbon emissions. Pumped hydro storage supports the buildout of Ontario's nuclear fleet and can deliver Ontario's clean nuclear power on demand.