Feedback and IESO Responses

South and Central Bulk Plan: Data Tables

As a follow-up to the September 30th Quarterly Bulk webinar, this IESO shared details of the portfolios of transmission investments under consideration, generation assumptions for each scenario in the energy model, the sub-zonal load forecast used in the energy model, and the revised zonal diagram demarking the sub-zones created for the energy model for input.

The IESO received written feedback submissions from:

- TC Energy

The data tables along with the IESO's responses to feedback are available on the South and Central engagement page. Note that as this is still an active planning process, changes to these scenarios are still possible before a final recommendation is made.

Note on Feedback Summary and IESO Responses

The IESO appreciates receiving feedback from participants about our work. The responses to the feedback about these data tables are organized by topic.

Topic	Response to Feedback
TC Energy recommended that the IESO include information about timelines and priorities for each component within the scenarios.	Thank you for this feedback. The IESO is undertaking further transmission and energy assessments and will continue to refine and share details of the timing of the reinforcements within the portfolio of options as studies evolve.
TC Energy expressed support to expand Ontario's transmission infrastructure through the construction of a 500 kV double-circuit line between Bruce and Essa Transformer Station to accommodate future growth at Bruce Power, provide an efficient interconnection for the Ontario Pumped Storage Project (OPS), and improve northward power flow and to the GTA.	Thank you for sharing your perspectives regarding the refined portfolio of options.
TC Energy noted that while Ontario Pumped Storage Project is mentioned in IESO's engagement materials, they indicated that it is unclear if it appears in the tables or map. They note that the project is expected to be in service by 2035, with its connection to the Bruce-to-Essa 500 kV transmission line targeted for 2034. Since the IESO's presentation suggested energy modeling for 2037 and beyond, TC Energy expressed an interest in working with IESO to align timelines for the Pumped Storage Project and the Bruce-to-Essa line.	The South and Central Bulk Plan is focused on identifying reinforcements to meet the study objectives. As the Plan looks at the ability to accommodate the Ontario Pumped Storage Project as a sensitivity, the final recommendations will look to ensure flexibility to accommodate a future with the project (opposed to enabling this potential project). The energy studies are modelling additional storage resources in the Bruce Zone to assess the impact of connecting potential projects to the proposed Bruce to Essa transmission lines. This is shown in Table 4, which provides the generation assumptions used in the energy studies for the end-state, 2046. Prior to that transmission reinforcement, additional storage is modeled in the Essa Zone. The IESO appreciates this information-sharing and the on-going coordination with TC Energy which has helped to inform our work on this bulk plan.