

Feedback Form

Regional Electricity Planning in Burlington to Nanticoke – July 16, 2024

Feedback Provided by:

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Date: 2024-07-16

Following the Burlington to Nanticoke region electricity planning engagement webinar held on June 25, 2024, the Independent Electricity System Operator (IESO) is seeking feedback on the screening of high-level potential options as outlined during the presentation. A copy of the presentation as well as the recorded webinar can be accessed from the [engagement webpage](#).

Local considerations and feedback are a critical component to the development of an Integrated Regional Resource Plan (IRRP). As the options phase of the IRRP continues to identify how to best meet the area's infrastructure needs, the IESO wants to hear from you.

Please submit your feedback to engagement@ieso.ca by July 16, 2024

Topic	Feedback
What perspectives do you have on the high-level wire and non-wire options?	Brant County is in the process of pursuing the developing a battery energy storage system (BESS) of up to 100 MW for a non-wires alternative (NWA) solution to address the capacity constraints identified in the Brant Electricity Regional Plan. This project could mitigate the impacts on the transmission system as well as the 115 kV subsystem. This project will simultaneously improve grid reliability through offering a NWA to defer costly transmission upgrades, provide capacity services to manage peak loads, and ultimately, reduce electricity costs for rate payers.
What additional information should be considered in the assessment of these options?	The Brant County BESS will be located strategically to cost effectively address (part of) the identified transmission infrastructure limitations. A Non Wires Alternative consisting of a BESS has the benefit of flexibility that supports timely and incremental implementation avoiding the need for large upfront costs and lengthy infrastructure project timelines. Additional information can be provided to the IESO to support the option analysis.
Are there any additional information that should be provided in future engagements to help understand municipal perspectives and insights?	Brant County requests careful consideration of all the downstream impacts to all Local Distribution Companies' service territories on a granular locational and temporal levels and over a longer forecast period. Further, the County supports thoughtful and early engagement with Indigenous communities.

General Comments/Feedback

Brant County appreciates the comprehensive engagement by the IESO in the launch of the IRRP process and is encouraged to see a greater emphasis on non-wires alternatives. Non-Wires Alternatives can help optimize the utility of the existing infrastructure in a timely and cost effective manner while also addressing capacity and reliability concerns. Early discussions and close coordination with municipalities, LDCs, and Indigenous communities will help arrive at the most beneficial solutions, not just in the immediate term but also longer term while supporting local needs.