

Feedback Form

Distributed Energy Resources (DER) Potential Study – September 30, 2022

Feedback Provided by:

Name: Jake Brooks

Title: Senior Associate

Organization: DERSI, Distributed Energy Resources Stakeholder Initiative

Email: [REDACTED]

Date: October 31, 2022

The Independent Electricity System Operator (IESO) is seeking feedback and welcoming questions in relation to the Ontario DER Potential Study, which was published in-full on September 30, 2022.

The final study materials (the main report, the supplemental methodology/assumptions report, MS Excel Appendices, and updated results presentation), can be found on the [DER Potential Study webpage](#).

Please provide any feedback and questions by October 28, 2022 to engagement@ieso.ca.

Please use subject header: *DER Potential Study*.

To promote transparency, submitted feedback will be posted on the DER Potential Study webpage unless the sender requests otherwise.

The IESO will consider this feedback in the organization's future work, including but not limited to DER integration. The IESO will publish a document responding to feedback, and with support of the project consultants, respond to any technical questions relating to the study.

Thank you in advance for your contribution.

Takeaways, Recommendations, and Additional Analysis

Topic	Feedback
<p>Does the report highlight the most relevant results and takeaways from the study?</p> <p>What other results or messages from this study are of high importance?</p>	<p>See below in General Comments/Feedback</p>
<p>Do the recommendations capture appropriate actions to acquire the DER potential revealed in the study?</p> <p>Based on the study results, are there other actions that should be considered?</p>	<p>Given the pressing needs for low carbon power generation capacity in Ontario and the potential of DER resources that has been identified in the study, it is necessary to consider specific options for targeted DER procurements and how each could realistically be designed and implemented in the near future.</p>
<p>Building on the work completed in this study, are there other areas of analysis that should be considered or undertaken that can provide meaningful insights for the IESO and others in the sector?</p>	<p>DERSI believes that power consumers, the industry, power system planners, and the market as a whole would benefit from a more specific understanding of the anticipated costs and benefits of the most realistic specific near term design options for targeted DER procurement.</p>

General Comments/Feedback

The potential for improving power system reliability, economic value generation and net emission reduction from DERs in Ontario is likely to be achieved most effectively by expediting both market integration and targeted procurements for DERs within public programs structured to maximize revenue certainty in the near term.

The study accurately identifies revenue certainty as one of the most significant barriers to DER adoption in Ontario. The IESO has many years of experience with targeted procurements and with mechanisms to enhance revenue certainty. With an appropriate mandate, such programs could achieve important public objectives in an economically efficient manner. It would be helpful if research from this process were to provide near term guidance to planners, policy makers, and stakeholders on the most appropriate design features of a targeted procurement for DERs in Ontario featuring revenue certainty. Considering Ontario's near term supply challenges, it is important that these DER program and procurement options be expedited so as to enable the deployment of new capacity in the near term.

Questions Relating to this Study