

# Feedback Form

## Distributed Energy Resources (DER) Potential Study – September 22, 2021

### Feedback Provided by:

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Following the September 22<sup>nd</sup> public webinar on the DER Potential Study, the Independent Electricity System Operator (IESO) and the consultant, Dunsky supported by Power Advisory, are seeking feedback from participants on the pre-assessment screening criteria, the pre-assessment results, and on the proposed scenarios.

The referenced presentation and associated MS Excel worksheet (with the full list of DER measures and the pre-assessment results) can be found on the [DER Potential Study webpage](#).

**Please provide feedback by October 13, 2021 to [engagement@ieso.ca](mailto:engagement@ieso.ca).** Please use subject header: *DER Potential Study*. To promote transparency, this feedback will be posted on the [DER Potential Study webpage](#) unless otherwise requested by the sender.

The IESO and its consultant will work to consider and incorporate comments as appropriate and post responses on the webpage.

Thank you for your contribution.

## Pre-assessment screening criteria

Topic	Feedback
<p>Are there any measure screening criteria missing that warrant inclusion?</p> <p><i>For reference: Measure screening criteria are described in slide 22 of the presentation deck</i></p>	<p>The EDA believes that the key screening criteria selected are robust and capture the most important elements of DER integration.</p>

## Pre-assessment results

Topic	Feedback
<p>Do the short-listed technologies capture appropriate DERs given the study's 10-year time horizon? Are there measures that have been screened out that should be included and why?</p> <p><i>For reference: The full list of measures and the results of the screening are identified in last tab of the Measure List and Pre-Assessment MS Excel worksheet</i></p> <p><i>Note: The study aims to include measures expected to have high value/uptake over study period</i></p>	<p>The EDA believes that the short-listed technologies capture all the appropriate DERs in Ontario.</p>

## Scenarios

Topic	Feedback
<p>Which factors should be varied between scenarios?</p> <p><i>For reference: Examples of factors that could be adjusted are listed on slide 37 of the presentation deck</i></p> <p><i>Note: The study aims to prioritize factors expected to be most influential in driving DER value/uptake in Ontario</i></p>	<ul style="list-style-type: none"><li>LDC impacts should be a key factor to be considered between the different DER potential scenarios. Increasing DER participation in wholesale markets will increase the complexities of managing the distribution system and require LDCs to effectively integrate new DERs and manage increased two-way power flows across the T-D interface. Highlighting the impacts to LDCs and the role that LDCs will need to play to support DER integration should be considered for all potential scenarios.</li></ul>

## General Comments/Feedback

LDCs can effectively own and operate and host DERs and may become distribution system operators in the near future. LDCs are best positioned to maximize the value and benefits of DERs to distribution systems and to the customers served by those systems. LDCs are uniquely able to coordinate the dispatch of DERs, either at the device specific level or in aggregate to manage power flows so that customers are served safely, reliably and at the lowest sustainable cost. For these reasons, the potential study needs to look at the LDC role in DER integration of specific technologies and highlight the impacts to existing DSPs, capacity constraints and associated regulatory changes that may be required to support future DER integration.

We encourage the IESO to explore all options that foster the responsible adoption of DERs, whether connected to the IAM or a distributor's infrastructure. LDC's need a voice at the table as DER regulations are developed to ensure the safe and reliable operation of our distribution systems.