

# Feedback Form

## Transmission-Distribution Coordination Working Group (TDWG) – November 9, 2022

### Feedback Provided by:

Name: James McGowan

Title: Senior Network Management Officer

Organization: Hydro One

Email: [REDACTED]

Date: November 30<sup>th</sup>, 2022

Following the November 9<sup>th</sup> Transmission-Distribution Coordination Working Group meeting, the IESO is seeking feedback on a number of questions related to transmission-distribution coordination.

**Please provide feedback by November 30, 2022 to [engagement@ieso.ca](mailto:engagement@ieso.ca).** Please use subject header: *TDWG*. To promote transparency, this feedback will be posted on the [TDWG webpage](#) unless otherwise requested by the sender.

The IESO will work to consider and incorporate comments as appropriate and provide responses at the next TDWG meeting. Thank you for your contribution.

## Specific Questions for Comment/Feedback

Topic	Feedback
<p><b>DER Market Vision and Design Project - T-D Coordination Foundational Questions</b></p> <p>Are the IESO's recommendations for T-D coordination appropriate for foundational models? Do any recommendations involve risk for distributors that would inhibit DER(A) participation in wholesale market?</p>	<p>The presentation provides a good <i>market</i> model, but the T-D coordination model is incomplete. As per the Terms of Reference for this group, all valid T-D communication protocol models should be reviewed by the working group.</p> <p>In addition, it would be helpful if high level diagrams or process flows could be developed and reviewed so the working group can easily assess the options. The sub-processes, specifically regarding the management of constraint analysis results, will also need to be discussed prior to deciding upon a foundational model. We look forward to working on the details to support the developmental of an agreed upon foundational model.</p> <p>Depending on how the communication / process is established between the Host and Embedded Distributors, there could be challenges with sharing outage data amongst Host and Embedded Distributors in real time. If this communication process is not robust, than mis-communication between distributors would result in swift and unplanned negation of DER services. This could cause frustration for DER's, Distributors and IESO, if DER services are being leveraged at that time.</p>
<p><b>Hydro One's Distribution-Distribution Coordination</b></p> <p>Any feedback on Hydro One's presentation?</p>	<p>Thank you for the opportunity to speak.</p>

Topic	Feedback
<p><b>Conceptual T-D Coordination Protocol for Dual Participation Model</b></p> <p>Does the draft conceptual T-D protocol for the Dual Participation model presented provide the opportunity for sufficient coordination among parties?</p> <p>Are there any gaps/concerns with the draft T-D protocol presented?</p>	<p>The foundational model presented in the deck might be expensive for LDC's, and the province to implement, as many new dedicated communication paths would need to be established, rather than leveraging existing communication paths. The working group needs to start working through exercises, based on the proposed processes, to see if any further significant issues could arise.</p> <p>In addition, a process around constraint analysis and how this would be managed within the MRP Day Ahead and RTM models must be discussed and established.</p>

## General Comments/Feedback

Based on the terms of reference for this group, the working group must assess all valid high level T-D Communication Processes, before providing acceptance of the proposed foundational model. The working group should be given an opportunity to openly discuss the merits and challenges of each model. Please see below a reference from the terms of reference.

### **Excerpt from TDWG Terms of Reference (May 16<sup>th</sup> 2022):**

*"Coordination protocol(s) will be developed for both the Dual Participation and Total DSO models, and will be shared with the IESO's broader stakeholder community through the DER MVP engagement process throughout 2022, prior to finalizing foundational DER participation models by Q1 2023."*