

Transmission-Distribution Coordination Working Group

Meeting Notes

Meeting date: November 9, 2022
Meeting time: 1:00 – 4:00 p.m.
Meeting location: Microsoft Teams

Agenda Item 1: IESO Introduction & Feedback Summary

Inna Vilgan (IESO) and Ali Golriz (IESO) provided a summary of the transmission-distribution working group (TDWG) members' feedback from the previous meeting. Notable discussion:

- A working group member asked whether the draft T-D conceptual coordination protocols developed will be tested. IESO staff agreed that testing is key and noted that projects funded by the Grid Innovation Fund is one of the major avenues to undertaking such testing.

Agenda Item 2: IESO Market Vision Project T-D Update

Angeli Jaipargas (IESO) and Ali Golriz (IESO) provided an update on the T-D coordination related component of the IESO's DER Market Vision Project (MVP). Additional information on the DER MVP can be found on the DER MVP engagement [webpage](#). Notable discussion:

- There was discussion about the ability of distributors to aggregate and represent DER/A in the IESO's wholesale market. IESO staff noted that distributor participation in the IESO wholesale market is subject to legislation (the OEB Act) and regulatory interpretation of that legislation.

Agenda Item 3: Hydro One Presentation on Distribution-Distribution Interface

James McGowan (Hydro One) provided a presentation on the distribution-distribution (D-D) interface and considerations for including host and embedded distributor coordination in the overall T-D coordination process. The presentation included common D-D interfaces, D-D interface options, and related topics such as using established Inter-Control Center Communications Protocol (ICCP) communication links. Notable discussion:

- IESO staff asked to what extent existing ICCP communication links can facilitate the communication of information required for T-D coordination, such as outages and distribution constraints. TDWG members suggested that there is considerable capability to communicate over ICCP. It was further suggested that DER/A could use IEEE 2030.5 to communicate with distributors and T-D coordination could use established ICCP communication.

- Working group members discussed the potential of a 'shared platform', where all parties involved in the T-D coordination would have access and would provide/view data as appropriate. It was observed that such an approach could simplify/streamline communications and coordination.

Agenda Item 4: IESO Presentation on Draft T-D Coordination Protocol

Nima Omran (IESO) provided a presentation on a draft T-D conceptual coordination protocol for the dual participation model.

- A working group member made a good observation consistent with the draft protocol, noting that it is beneficial and results in simpler T-D coordination when DER/A coordinate with distributors prior to submitting/updating bids and offers in the IESO's wholesale market.

Agenda Item 4: Open Discussion

The working group discussed several topics related to T-D coordination. Notable discussion:

- A working group member asked for clarification on the IESO's role as balancing authority with regards to the distribution and transmission systems. IESO staff confirmed that the IESO is Ontario's balancing authority as per NERC definitions/roles. For reference, please see the Glossary of Terms Used in NERC Reliability Standards [here](#).
- There was discussion regarding 'who gets priority if there is a conflict'. IESO staff noted that the goal should be to avoid conflicts. Working group members were asked to review the draft T-D coordination protocol presented at the meeting from this perspective and capture any identified/potential conflicts in feedback to the IESO.

Action Item Summary

	Date	Action	Status	Assignee
1	30/11/2022	Feedback on November 9 TDWG materials (please use feedback form)	In-progress	TDWG members