

Feedback Form

Transmission-Distribution Coordination Working Group (TDWG) – December 8, 2023

Feedback Provided by:

Name: Alectra Inc.

Title: Click or tap here to enter text.

Organization: Alectra Inc.

Email: Click or tap here to enter text.

Date: January 5, 2024

Following the December 8, 2023 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 January 5, 2024 to 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>Deliverable B2: Current state of communication / data exchange</p> <ul style="list-style-type: none"> - Are there other communication methods and protocols that you are using, that were not identified in this presentation? - Does your company have a defined IT roadmap looking ahead 10+ years? - Does your utility currently have ICCP linkages with IESO, Hydro One or other utilities? 	<p>There are additional operating models currently in place today than those described by Hydro One. For example, Alectra uses a variety of wireline and wireless communication to communicate with field devices. This includes fibre, WiMAX, Licensed and unlicensed radio and the Itron/Silver Springs AMI network. In general, Alectra has standardized on DNP3 communications protocol.</p> <p>Alectra also has a remote monitoring requirement for any generator above a certain size. All data from these and other methods are brought into our SCADA system.</p> <p>It is important to note that several utilities like Alectra own their own Transformer Stations and have more complex grids and telecommunications systems. For transformer stations (TS) owned by Hydro One, the embedded LDCs have visibility into the station breaker statuses, telemetry, etc., at those locations, as well as full visibility into the feeders they supply. This is enabled through our ICCP links with Hydro One.</p> <p>Further, DERs are connected to an LDC's distribution grid, thus impacts to connection and DER operation are directly linked to an LDC's system for which they have full visibility and control over the TS and to the feeders that the DERs would be connected to.</p> <p>For considerations, are there other methods/technologies that could be explored that may prove to be more efficient than ICCP? Lastly, it would be beneficial for TDWG to get a holistic view of operations for both hybrid feeders and express feeder.</p> <p>Yes, Alectra has a defined IT roadmap looking ahead 10+ years.</p> <p>Yes, Alectra has ICCP linkage with IESO, Hydro One and other LDCs.</p>

Topic	Feedback
<p>Deliverable B4: Workshop on definitions for TDWG Deliverables</p> <p>- Do you have detailed comments on any of the definitions in the "Working Terms and Definitions" document?</p>	<p>Neutral Market Facilitator:</p> <p>Please see below regarding further clarification on neutral market facilitator:</p> <p>As a neutral market facilitator, the DSO would provide efficient and transparent operation of the electricity market by providing equal and non-discriminatory access to the network and balancing services for all market participants, regardless of their size or market power.</p> <p>The DSO would not give preferential treatment to any market participant and shall not discriminate against any participant based on their technology, ownership, or geographic location.</p> <p>The DSO would provide transparent information about the network and balancing services, including prices, availability, and technical characteristics. This information should be publicly available and accessible to all market participants.</p> <p>The DSO would animate IESO and local grid services concurrently (or co- optimized) to all market participants and would articulate any potential technical limits for any participants before bidding and during live market operation</p> <p>The DSO would not be acting as an aggregator or market participant, it would only facilitate the participation of DERs within a local distribution area (LDA). The DSO would be responsible for dispatching all assets in LDA, as well as measurement, verification, and settlement.</p> <p>-</p>

General Comments/Feedback

No additional comments on meeting #9.