

Feedback Form

Transmission-Distribution Coordination Working Group (TDWG) – June 16, 2023

Feedback Provided by:

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Following the June 16th 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 July 7, 2023 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>General Feedback on Terms of Reference, Deliverables and Work Plan</p> <p>Any general feedback on the proposed (1) Terms of Reference; and (2) Deliverables and Work Plan documents?</p>	<p>Terms of Reference Essex Power Corporation (Essex) supports the extension of the TDWG and its alignment with the DER Market Vision and Design Project. In general, Essex supports the exploration of implementation-ready coordination protocols for various DSO and DER(A) participation models. Essex continues to endorse the TDSO model.</p> <p>Work Plan Essex welcomes the opportunity for stakeholders to work directly on Working Group products. Overall, the IESO must ensure that the Deliverable Leads are sufficiently updating the Working Group of their progress, providing opportunities for input, and addressing that input.</p>
<p>Transcription of Meetings</p> <p>Should TDWG meetings be recorded and/or transcribed?</p>	<p>TDWG meetings, whether recorded or transcribed, should not be publicly available. Given the nature of the topics, projects or initiatives may be characterized in an informal or non-official manner and could be confused for statements of fact.</p> <p>Overall, Essex supports a more descriptive note-taking process up to and including transcription if the majority of the group supports it.</p>
<p>Proposed Deliverables</p> <p>Are the deliverables too ambitious?</p> <p>Will we as a working group be able to deliver?</p>	<p>Yes, the deliverables are ambitious, but not overly so. The proposed coordinated effort with leads is novel and hopefully a model that can be explored more.</p> <p>The deliverables are intimately connected to each other and will require much cross-deliverable discussion but overall we believe the Working Group will be able to deliver if the Leads are earnest and collaborative in their delivery.</p>

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<p>Other Deliverables</p> <p>Are there any deliverables (or components of deliverables) that should be added in? Are there any deliverables (or components of deliverables) that are unnecessary and can be de-prioritized?</p>	<p>Based on what has been provided, these deliverables cover virtually all variations of a proposed framework to the exclusion of regulatory framework. One such major question is the role of a distributor in an IAM.</p>
<p>Deliverable Leads</p> <p>Are you interested in leading the development of any of the deliverables or participating in sub-groups related to any them? If so, please specify the deliverable of interest and why you are well suited for it.</p>	<p>Essex is highly interested in contributing to each of the deliverables, including the IESO-led deliverables.</p> <p>A: Coordination Protocols</p> <ul style="list-style-type: none"> - Essex is uniquely positioned to support development of these protocols and potentially provide real data/learnings from our GIF DSO Project (PowerShare) <p>B1: Functional Assessment</p> <ul style="list-style-type: none"> - Similarly, Essex is well positioned to inform this deliverable as we have our own DSO functional assessments for the PowerShare project supported by our tools in the SmartMAP software <p>B2: Communication Assessment</p> <ul style="list-style-type: none"> - PowerShare provides an opportunity to support the development of and test the required communications. <p>B3: Shared Platform Concept</p> <ul style="list-style-type: none"> - Similar to B2, PowerShare can inform and test the cadence or sequence of information, and has experience in conceptualizing platforms <p>B4: Architectural Assessment</p> <ul style="list-style-type: none"> - Essex can provide a local market perspective to market design through experience with PowerShare, and is keenly interested in the potential flexibility of the models <p>Ultimately, Essex is uncertain if it can commit the requisite resources to be the singular Lead of a deliverable. We remain open to other arrangements, particularly for the A and B1 Deliverables.</p>

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<p>T-D Coordination Models</p> <p>Are there any other T-D coordination models that should be investigated? If so, why do you think it may be appropriate in the context of the operation of the Ontario electricity system?</p>	<p>Essex believes that the concept of a TDSO model is the most appropriate way to reflect the operation of the Ontario electricity system. The division of transmission and distribution services is critical, and it is vital that LDCs understand and control DER impacts on their system. TDSO with the appropriate roles in the wholesale market reflects the change to a bi-directional grid where LDCs can be viewed as supply points rather than merely demand.</p> <p>The informative questions, rather than the as-defined models seem to be:</p> <ul style="list-style-type: none"> - Whether the LDC takes on role in IAM, as an aggregator, or "DSO Aggregator" (questions following from that re: fees or penalties) - Whether all assets follow the same communications/override structure regardless of market(s) (for example an asset in the IAM but not a local DSO market subject to override; or an asset in the IAM but not DSO dispatch information being shared with DSO)
<p>Workshop</p> <p>Was the in-person and virtual hybrid meeting format helpful for the purposes of the group workshop?</p>	<p>The virtual element to the presentation was appreciated, though the grouping of all the virtual attendees to one "Table" was limiting to the bandwidth of discussion compared to the 5-6 live attendees per table.</p>

General Comments/Feedback

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Essex recommends the IESO promote or facilitate activities with GIF projects, whether deliverable groups delivering questions or conducting tests of specific protocols. PowerShare remains available and open to input and discussion from TDWG members.

Considering to the nature and potentially province-wide ramifications of these working groups, Essex suggests that some form of additional funding be made available to support any LDC(s) working collaboratively to fulfill these deliverables.