IESO Feedback Form

Transmission-Distribution Coordination Working Group (TDWG) – February 16, 2024

Feedback Provided by:

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Following the February 16, 2024 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 March 15, 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
Deliverable B1: Process and user journey mapping	
Do the DSO Architecture slides present an accurate overview of the systems and functions required for a DSO?	
Do the user journeys detailed in the presentation comprehensively capture the necessary use cases (e.g., planning, pre-market, system conditions, etc.)?	
Do the user journeys presented accurately reflect the necessary steps, processes, and interactions required for DSO operations and for coordination with the other parties?	

General Comments/Feedback:

There is a class of DER that operates generally behind the meter of load customers, where today they apply for a capacity allocation and once obtained, they have a right to run, and the LDC has an obligation to take, or allow them to generate whatever they can, to the limit of their capacity allocation. These customers are generally not bidding into the market to provide either transmission or distribution services but are making economic decisions to generate in order to lower their energy, demand and GA costs. The OEB is recently been discussing/exploring how more DER could be connected, without a capacity allocation, but where the LDC manages their connection and production in terms of energy, thermal and fault current contribution. In the future, we may have DER operating, perhaps behind the meter, but without a capacity allocation. As we discuss DSO models, processes and procedures, we should keep in mind that these DER customers without a capacity allocation, will want to be "dispatched on" as much as possible. As capacity to accept generation becomes scarce, and changes from moment to moment, the LDC will need to ensure that there is a methodology in place to *fairly* allocate the available capacity to accept generation (generally, acceptance of a generator's momentary potential fault current contribution). These DER will also want to understand what will influence whether or not they are allowed to generate, what to expect in terms of how frequently they will be allowed to/prevented from generating, and have confidence they are being treated *fairly* in comparison to other DER in their class.