

IESO Engagement

From: Trevor Esdaile
Sent: September 19, 2018 3:44 PM
To: IESO Engagement
Subject: FW: IESO webinar on the ICA

From: Alectra
Sent: September 19, 2018 3:37 PM
To: Trevor Esdaile
Subject: IESO webinar on the ICA

1. Does the CIA, or any other practice, ensure that the full capacity of a distribution connected resource can be injected at any time?
 - a) If no, please explain the circumstances when the full capacity of a distribution connected resource cannot be injected, and how this is managed.

The CIA ensures that the full capacity of a distribution connected resource can be injected at any time. If an abnormal condition exists on the feeder Alectra may at times restrict the generator from running in parallel with the system particularly if it requires transfer trip.

Please note that the CIA assesses the impact of the total proposed generation/ storage connected in parallel with the utility grid. For net-metering and prior FIT/microFIT, assessments would be needed to ensure the load to generation ratios on feeders were not being exceeded as these projects were intended to export fully to the grid. For projects that are "load displacement" such as battery storage or CHP etc. they would not be permitted to export their power to the grid.

- 1) Does your LDC support the IESO's proposal that new distribution connected resources apply for a CIA only after they clear the auction?
 - a) If no, please explain and provide alternative suggestions.

Yes, following the approach previously used for the FIT program.

It should also be noted that unless there is a similar TAT DAT screening, it would be possible for an awarded recipient to be unable to proceed with the project due to restricted feeders or stations.

- 2) What concerns does your LDC have about new or modified distribution connections triggered by the ICA?

No concerns at this point.

- 3) What level of coordination should occur between the ICA and LDC connection processes for new suppliers?
 - a) Please provide suggestions or examples of a method of coordination that you think could work well.

Same answer as 1)

- 4) What connection information will LDCs be able to provide to prospective resources in advance of participating in the ICA so they can understand potential risks and costs associated with developing their project?

Customers should submit the clear intent of their projects, nameplate capacity, type (battery storage, net metering, etc.) sequence of operation and a preliminary Single Line Diagram (SLD) for Alectra's review, then Alectra can confirm connection details i.e. voltage, feeder, and station as part of the Pre - Screening Capacity process.

5) How much time is typically required between initiating a CIA and connecting a new resource?

Between 6 months to 1 year. Depending on the complexity of the project and nameplate capacity in kW i.e. if an existing service needs to be upgraded from existing service, etc.

6) What are the milestones between initiating a CIA and connecting a new resource?

Confirmation of Metering Details, SCADA Monitoring Requirements, Completion of Protection Requirements, etc.