

Incremental Capacity Auction (ICA) – *Technical Session for LDCs*

Webinar: August 29, 2018

Date Submitted: <i>2018/09/19</i>	Feedback provided by: Company Name: Waterloo North Hydro Contact Name: Phone: Email:
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The IESO held a technical webinar for Local Distribution Companies on the Incremental Capacity Auction on August 29, 2018.

In order to maximize the effectiveness of this stakeholder engagement process, the IESO requests that stakeholders use the template below to provide feedback on content presented as follows:

- Provide responses to the questions posed
- For options presented, indicate your preference along with applicable rationale/supporting arguments (reference slide numbers where applicable)
- Identify any aspects that you believe require further elaboration or discussion

Please provide feedback by **September 21, 2018** to engagement@ieso.ca. Feedback received will be summarized and will help inform further discussions at future stakeholder engagement meetings.

Topic	Questions	Stakeholder Feedback
<p>Deliverability <i>Slides 7-11</i></p>	<p>Does the CIA, or any other practice, ensure that the full capacity of a distribution connected resource can be injected at any time?</p> <p><i>If no</i>, please explain the circumstances when the full capacity of a distribution connected resource cannot be injected, and how this is managed.</p>	<p>For any FIT or net metered projects, WNH ensures that the full capacity of the project can be injected into the distribution system at any time.</p> <p>For Load Displacement projects, WNH models the generation following the facilities load. Reverse power settings at the load displacement facility ensures that excess power does not get injected into the distribution system.</p>
<p>Connection Assessments for New Resources <i>Slides 13-15</i></p>	<p>Does your LDC support the IESO’s proposal that new distribution connected resources apply for a CIA only after they clear the auction?</p> <p><i>If no</i>, please explain and provide alternative suggestions.</p>	<p>If there is no penalty for a company who clears the auction and then cannot meet their initial target then we do not see an issue.</p> <p>However, at WNH capacity for a project is not allocated until a customer has applied for connection (Form ‘B’). If they apply after the auction there may not be feeder capacity for them to move forward with their project. If they apply before the auction, they will know whether or not the capacity is available to them making their bid more informed. A CIA does not necessarily need to be completed before the auction, but an application to secure capacity should be completed.</p>
	<p>What concerns does your LDC have about new or modified distribution connections triggered by the ICA?</p>	<p>Properly modelling all of the DER’s in the system when it is unknown when they will be generating can be difficult. Also, existing load displacement projects that may wish to take part in this auction will need to go through the application process again as their operating and protection philosophy will be changing, which will need to be examined by the LDC.</p>

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	<p>What level of coordination should occur between the ICA and LDC connection processes for new suppliers?</p> <p>Please provide suggestions or examples of a method of coordination that you think could work well.</p>	<p>Similar to FIT projects, a document indicating which bidders cleared the auction and are expected to move ahead with their projects, along with a required completion date would be helpful.</p>
	<p>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?</p>	<p>If the prospective resources reach out to the LDC with the size of their project as well as method of generation, the LDC can inform them if there is capacity at their proposed location as well as a high level idea if any costly protections will be required (e.g. transfer trip). However, WNH will not be able to guarantee capacity unless a formal connection request has been made.</p>
	<p>How much time is typically required between initiating a CIA and connecting a new resource?</p>	<p>This depends on the size of the project and type of generation.</p> <p>If it requires transfer trip it can take between 1-2 years. If it does not it can be as little as 6 months, but it is heavily dependent on the construction schedule and equipment lead time of the customers equipment.</p>
	<p>What are the milestones between initiating a CIA and connecting a new resource?</p>	<ol style="list-style-type: none"> 1) CIA Completion – This secures the capacity for 6 months 2) Customer submits CCA Application along with a cheque to cover all costs of the project on LDC's end 3) LDC and customer execute CCA within 6 months of completed CIA 4) Customer installs all equipment and commissions in accordance with LDC

Incremental Capacity Auction – Stakeholder Feedback Form
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		requirements 5) Customer and LDC execute DCA 6) Authorization to Generate is given

General Comments/Feedback: