

ISSUES/ACTIONS LOG

Last Updated: 24-07-2018

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SE Session	Issue/Action Description	IESO Response	Status
ICA - Sept '17	A participant stated that previous procurements had additional public policy objectives with respect to community or Indigenous participation as eligibility criteria – how is this being evolved into the ICA?	INITIAL RESPONSE: The IESO is examining this question further and will provide a response at a future meeting. UPDATE: A holistic approach to eligibility requirements including permits will be part of the HLD, and is expected to be communicated with stakeholders on the October 18 ICA SE meeting	Open
ICA - Sept '17	It is important to enable participation of smaller resources (<1MW) in order to increase participation rate, utilization, and competition. Based on current trends in the industry, 100kW is a reasonable minimum threshold.	INITIAL RESPONSE: The IESO is in the process of developing a DER framework and strategy which will explore how to best integrate these small resources. ICA team will further assess the scope of change required to determine whether it is feasible to lower the threshold of participation. UPDATE: Still to be determined whether this issue will be in or out of the scope of the ICA; decision will be made in the near future	Open
ICA - Sept '17	For hydroelectric facilities, the uprate capacity and energy could be calculated using a similar procedure to the one developed by the Ministry of Natural Resources for claiming deductions to the Gross Revenue Charge under the Electricity Act, 1998 for incremental energy (“GRC holiday”) - MNR Policy and Procedure WR 3.02.01 dated October 24, 2008. This approach applies consistency for determining incremental capacity and energy for hydroelectric resources.	INITIAL RESPONSE: Thank you for the feedback. The IESO will review the procedure referenced to better understand the process and will bring this for discussion at a future meeting. UPDATE: Methodologies for assessing incremental capacity for specific resource types will be determined in the detailed design phase	Open
ICA - Sept '17	For intermittent resources; such as, wind and solar, Qualified Capacity should be calculated commensurate with their value at system peak. As Ontario is unique with a heavy proportion of intermittent resources it may be preferable to use a hybrid ELCC / capacity contribution calculation which is different than that used in the US. This topic requires further discussion - additional analysis on the magnitude of the difference in the results from the two methods using specific examples would be helpful in this discussion.	INITIAL RESPONSE: Further assessment and analysis will be conducted to explore these two methodologies for qualifying capacity from intermittent resources. UPDATE: A decision in regards to using ELCC versus Capacity Contribution for ICA Qualified Capacity will be part of the HLD, and is expected to be communicated with stakeholders on the October 18 ICA SE meeting	Open
ICA - Sept '17	Qualified capacity calculations for peaking hydroelectric resources require further analysis and discussion.	INITIAL RESPONSE: Certain resource types, including peaking hydro, may require unique methodologies to capture their specific characteristics. Further details in respect of the qualified capacity process will be determined in later phases of ICA design, which will be informed by the stakeholder feedback received to date and allow for additional stakeholder engagement. UPDATE: General high level design decisions in regards to Qualified Capacity will be part of the HLD, and are expected to be communicated with stakeholders at the October 18 ICA SE meeting. Resource-specific capacity qualification will be further explored in the detailed design	Open

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ICA - Sept '17	Defining incremental capacity may prove difficult in many types of resources as almost all resources have variables that affect the output. The IESO will need to provide rules/certainty on how the incremental capacity will be measured.	A clear definition of Incremental Capacity will be part of the HLD	Open
ICA - Aug '17	These seem very arbitrary. There does not appear to be any rigour in establishing these limits. On slide 79, reference to low/high demand outlooks is not in relation to LTPEP scenarios, is it? If so, it could lead to over procurement if scenario failed to be realized.	INITIAL RESPONSE: Basis and rationale for establishing Min/Max Capacity Limits will be discussed further as part of the modelling effort that Brattle will conduct to help establish the shape of the Demand Curve. The reference on slide 79 was not intended to highlight any specific high or low demand scenarios.	Open
ICA - Aug '17	IESO should provide the modeling assumptions as well as access to the models -The establishment of target capacity should be undertaken through a stakeholder process with technical representatives from demand/supply/transmission -The IESO should consider using third party expertise and having the result subjected to independent review and approval (e.g. OEB) -The Outlook period used needs to match commitment period (e.g. 7 years) -There needs to be clarity on what forecast is used for contracted and rate regulated (i.e. base) -Demand Side – Stakeholders need to understand the methodology IESO uses to forecast demand and the inputs the IESO uses to forecast demand. -Supply Side – Stakeholders need to understand the capacity contribution from rate regulated assets (even though they are not participating in the ICA, they are part of resource adequacy) by unit.	INITIAL RESPONSE: The IESO will endeavour to accommodate requests to provide the information identified, subject to objective constraints (such as availability, confidentiality, privacy, commercial sensitivity, and security limitations). The IESO has made a preliminary decision that a third party will be retained to establish CONE. The IESO is exploring publishing Target Capacity outlooks with forecasts looking out 5-10 years. UPDATE: All issues and requests mentioned will be addressed in the design of the ICA; the "what" and "why" will be part of the High Level Design, and the "how" will be included in the Detailed Design	Open
ICA - Aug '17	EnerNOC requests that the IESO provide information on the constraints that would exist on these options.	INITIAL RESPONSE: The constraints for any of the options related to the Min/Max capacity limits will be addressed in the detailed design stage, which will allow for additional stakeholder engagement. UPDATE: Processes related to establishing the Min/Max Capacity Limits for the ICA will be part of the Detailed Design	Open

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ICA - Sept '17	A participant asked if the IESO would manage the state of charge associated with energy storage similar to how other jurisdictions do. The participant urged the IESO to develop a new category of participant for storage resources and for the IESO to manage the state of charge themselves.	<p>INITIAL RESPONSE: The integration of storage is a broader issue than the development of a HLD for the ICA. The IESO will look at developing the proper forum and timelines to address this question.</p> <p>UPDATE: The IESO has put in place a number of forums for identifying potential barriers to participation for non-emitting resources including the non-emitting resource subcommittee, the non-emitting resource RFI, and the Energy Storage Advisory Group (ESAG). ESAG will assist the IESO in evolving policy, rules, processes and tools to better enable the integration of storage resources within the current structure of the IESO-administered market. While potential barriers to the participation of energy storage resources are closely related to Market Renewal they do not need to be resolved within the program. The work of ESAG can proceed alongside Market Renewal and the relationship between the two will be considered as work on Market Renewal progresses.</p>	Closed
ICA -Jan '18	Does the IESO have information on when and perhaps how often emergency events happen outside of the resource adequacy framework, and if the IESO does, can it be provided to the group?	A preliminary decision has been made to proceed with a "Pay for Availability" framework. The framework does not require that emergency events be defined. Consequently, the ICA team is no longer exploring this category of events.	Closed