

Stakeholder Comment Matrix – April 9, 2020

Overview of Short-term Market Implementation Requirements for Energy Storage Participation



Period of Comment: April 9, 2020 through April 27, 2020 Comments From: Siemens Gamesa Renewable Energy Date: 2020/04/24	Contact: [REDACTED] Phone: [REDACTED] Email: [REDACTED]
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Instructions:

1. Please fill out the section above as indicated.
2. Please respond to the questions below and provide your specific comments.
3. Email your completed comment matrix to energystorage@aeso.ca by April 27, 2020.

The AESO is seeking comments from Stakeholders with regard to the following matters:

	Questions	Stakeholder Comments
1.	Are there areas where further clarity on expected participation would be helpful?	Section 4.1.3 – Define “firm” and “non firm” – in this document <ul style="list-style-type: none"> • When the new rules are ready it will be very important to indicate clearly the options to place Measurement Points (MP) and Settlement Points (SP) for different possible configurations. • Will there be any limitation to charge battery from grid and/or renewable sources? For example, you only can charge from the grid or only from the wind or as a percentage. • Related to the previous question, Will the battery be able to charge from both sources (equally) depending on the situation? • Will there be any requirement about a reference/minimum SOC or this value is totally manageable by the market participant to fulfill the commitments? • We understand that it is possible to participate in several services at the same time (energy and OR) as long as grid code is fulfilled. Similar to USA.

		<ul style="list-style-type: none"> • Will there be any option to participate in the markets with batteries less than 5MW? • We think that the option Wind+PV+BESS is possible but it isn't clearly identified from our point of view. Could AESO confirm this point? • Is there any limitation about the topology of hybrid projects? Shared bus, independent bus, AC or DC, etc... • Is there any forecast about market capacity? In that case, is there any idea about the requirements for storage? • Is there a difference between being co-located or hybridized plant as far as dispatch, bidding, and being paid by the market?
2.	<p>Are there areas of market participation that in your view need special consideration for energy storage that are not identified in the overview document?</p>	<ul style="list-style-type: none"> • When a storage asset can participate in multiple market activities such as regulation and energy at the same time. Is this being considered? Is this allowed in the ISO?
3.	<p>Additional comments</p>	

Thank you for your input. Please email your comments to: energystorage@aeso.ca.