

Stakeholder Comment Matrix – April 23, 2020

Overview of Energy Storage Resources – Operating Reserves Qualification and Technical Requirements and Alberta Reliability Standards Applicability



<p>Period of Comment: April 23 through May 7, 2020</p> <p>Comments From: TransCanada Energy Ltd. (TCE)</p> <p>Date: 2020/05/07</p>	<p>Contact: ██████████</p> <p>Phone: ██████████</p> <p>Email: ██████████</p>
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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 **May 7, 2020**.

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

	Questions	Stakeholder Comments
1.	<p>Are there areas where further clarity on expected participation in the Operating Reserves (OR) market or applicability of the Alberta Reliability Standards (ARS) would be helpful?</p>	<p>TCE has reviewed the Overview of Energy Storage Resources – Operating Reserves Qualification and Technical Requirements and Alberta Reliability Standards Applicability document. TCE has identified one small area where additional clarity would be helpful.</p> <p>In Section 5 of the document, the AESO presents the qualification requirements for energy storage resources in each of regulating, spinning, and supplemental reserves. The minimum size to participate in regulating, spinning, and supplemental reserves is stated to be ±7.5 MW, ±5 MW, and ±2.5 MW to meet the 15 MW, 10 MW, and 5 MW minimum size threshold requirements, respectively. The AESO also provides some examples to demonstrate the minimum requirement for each reserve type. In each example, the AESO depicts a symmetric resource whereby the absolute value of the maximum discharge and maximum charge are equal. TCE requests that the AESO clarify that it is the maximum operating range of the energy storage resource that must meet the minimum size requirement, and that there is no need for the discharge and charge to be symmetric.</p>

2.	Are there areas of market participation or compliance with standards that in your view need special consideration for energy storage that are not identified in the qualification and ARS applicability document?	
3.	Additional comments	

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

