

Re-Consultation on Proposed Amendments to Previously Approved PRC-005-AB-6, *Protection System, Automatic Reclosing and Sudden Pressure Relaying Maintenance* (“PRC-005-AB-6”), and rename as PRC-005-AB1-6, *Protection System, Automatic Reclosing and Sudden Pressure Relaying Maintenance* (“amended PRC-005-AB1-6”)



Date of Request for Comment: <u>March 28, 2019</u>		
Period of Consultation: <u>March 28, 2019</u> through <u>April 12, 2019</u>		
Alberta reliability standard	Stakeholder Comments and/or Alternative Proposal	AESO Replies
<p><b>Amended</b></p> <p>The AESO is seeking comments from stakeholders with regard to the following matters:</p> <ol style="list-style-type: none"> <li>Are there any requirements contained in proposed amendment to PRC-005-AB1-6 that are not clearly articulated? If yes, please indicate the specific section of proposed amended PRC-005-AB1-6, describe the concern and suggest alternative language.</li> <li>Please provide any additional comments regarding proposed amendment to PRC-005-AB1-6.</li> </ol>	<p><b>AltaLink Management Ltd. (“AltaLink”)</b></p> <p>1. Requirement 2.1 (a)</p> <p>The wording proposed by the AESO for 2.1(a)(ii) could be interpreted that t-taps and radials below 100kV are in scope of PRC-005-AB1-6. The boundary is not clear for UVLS, UFLS and RAS schemes that may extend into non-BES assets.</p> <p>AltaLink understands that AESO does not intend to include UFLS, UVLS and RAS schemes at radial transmission facilities serving only load from one (1) transmission element at any voltage level. Please confirm.</p> <p>Therefore AltaLink suggests this language for 2.1:</p> <p>2.1 This <b>reliability standard</b> applies to:</p> <p>(a) the <b>legal owner</b> of a <b>transmission facility</b> that</p> <p>(i) is part of the <b>bulk electric system</b>, excluding any transformer with less than 2 terminals energized at 100kV or higher; or</p> <p>(ii) is not part of the <b>bulk electric system</b> and owns any of the following below 100kV</p> <p>(A) The protection systems used for the ISO's underfrequency load shedding program;</p> <p>(B) The protection systems used for</p>	<p>1. The intent of the revisions is to ensure that the reliability standard applies to all devices associated with UFLS, UVLS and RAS that are on any system elements, including those that are part of the bulk electric system and those that are below the bulk electric system voltage level.</p> <p>The AESO may apply UFLS, UVLS and RAS at radial transmission facilities serving only load.</p>

	<p>undervoltage load shed systems installed to prevent system voltage collapse or voltage instability for the reliability of the bulk electric system</p> <p>(C) Protection systems installed as a remedial action scheme, including automatic reclosing applied as an integral part of a remedial action scheme, for the reliability of the Bulk Electric system</p>	
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