

Stakeholder Comment and Rationale Form

AESO AUTHORITATIVE DOCUMENT PROCESS

Stakeholder Consultation Draft

Date: 2011-09-27

New PRC Reliability Standards Definition



Date of Request for Comment [yyyy/mm/dd]: <u>2011-09-27</u> Period of Consultation [yyyy/mm/dd]: <u>2011-09-27</u> through <u>2011-10-21</u> Comments From: <u>ENMAX Power Corporation</u> Date [yyyy/mm/dd]: <u>2011-11-19</u>	Contact: <u>Mark Apuzzo</u> Phone: _____ E-mail: <u><a href="mailto:mapuzzo@enmax.com">mapuzzo@enmax.com</a></u>
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Definitions – New				
Existing	Proposed	Rationale	Stakeholder Comments and/or Alternate Proposal	AESO Reply
No definition currently exists in the reliability standards.	<p><b>“disturbance monitoring equipment”</b> means protective relays, phasor measurement units and other devices capable of monitoring and recording system data pertaining to a <b>disturbance</b>, including:</p> <ul style="list-style-type: none"> <li>(i) sequence of event recorders which record equipment response to the <b>disturbance</b>;</li> <li>(ii) fault recorders, which record actual waveform data replicating the system primary voltages and currents and which include protective relays that provide this functionality; and</li> <li>(iii) dynamic <b>disturbance</b> recorders</li> </ul>	The equivalent NERC standard introduces the definition of “disturbance monitoring equipment”. It is the AESO’s opinion that this definition adds useful clarity to the reliability standard and proposes to adopt the definition in order to ensure consistency with the NERC standard. While the content is substantially similar, the AESO has changed the format slightly to remain consistent with its drafting principles.	<i>Comment # 1: Is the required DME a PMU or a Digital Fault Recorder? These could be two different devices. A possible suggestion is for the AESO to specify what is required to be installed; either a Digital Fault Recorder or a Phasor Measurement unit (or both). The definition is ambiguous as a Digital Fault Recorder can meet (i) and (ii) but a PMU may be required for (iii).</i>	

	<p>which record incidents that portray system behaviour during <b>disturbances</b>, such as low-frequency (0.1 Hz - 3 Hz) oscillations, abnormal frequency or voltage excursions.</p>			
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