

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>ATCO Power</u> Date [yyyy/mm/dd]: <u>2011/10/21</u>	Contact: <u>Aliza Dewji</u> Phone: <u>403-245-7727</u> E-mail: <u>Aliza.dewji@atcopower.com</u>
---	---

Definitions – New				
Existing	Proposed	Rationale	Stakeholder Comments and/or Alternate Proposal	AESO Reply
No definition currently exists in the reliability standards.	<p>“disturbance monitoring equipment” means protective relays, phasor measurement units and other devices capable of monitoring and recording system data pertaining to a disturbance, including:</p> <ul style="list-style-type: none"> (i) sequence of event recorders which record equipment response to the disturbance; (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 (iii) dynamic disturbance recorders 	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.	ATCO Power suggests that the definition for disturbance monitoring equipment be modified to the following: <p>“disturbance monitoring equipment” means devices capable of monitoring and recording system data pertaining to a disturbance, including:</p> <ul style="list-style-type: none"> (i) sequence of event recorders which record equipment response to the disturbance; (ii) fault recorders, which 	

	<p>which record incidents that portray system behaviour during disturbances, such as low-frequency (0.1 Hz - 3 Hz) oscillations, abnormal frequency or voltage excursions.</p>		<p><i>record actual waveform data replicating the system primary voltages and currents and which may include protective relays that provide this functionality; and</i></p> <p><i>(iii) dynamic disturbance recorders which record incidents that portray system behaviour during disturbances, such as low-frequency (0.1 Hz - 3 Hz) oscillations, abnormal frequency or voltage excursions.</i></p> <p>The suggested change allows for more flexibility for those required to install a DME, while still meeting the intent of the functionality of the DME.</p>	
--	---	--	--	--