



November 25, 2009

Dear Market Participants and Interested Parties:

Re: Revised Final Proposed Protection and Control (“PRC”) Alberta Reliability Standards (“Reliability Standards”):

- c) **PRC-004-AB-1 Analysis and Mitigation of Transmission and Generation Protection System Misoperation**
- d) **PRC-004-WECC-AB-1 Protection System and Remedial Action Scheme Misoperation**

Please find attached the above-captioned Reliability Standards being recommended for approval by the AESO’s internal approval process in December 2009. After internal AESO approval, the AESO intends to forward and recommend that the Alberta Utilities Commission (“Commission”) approve these Reliability Standards as “reliability standards” pursuant to Section 19 of the *Transmission Regulation*.

These Reliability Standards are applicable to market participants and the AESO.

The following grid is hyperlinked to provide assistance in directing you to the summary of the Reliability Standards and related attachments.

Reliability Standard Number	Description	Most relevant stakeholder interest
PRC-004-AB-1	Analysis and Mitigation of Transmission and Generation Protection System Misoperation	GFOs, TFOs
PRC-004-WECC-AB-1	Protection System and Remedial Action Scheme Misoperation	GFOs, TFOs, GOPs

The Reliability Standards were initially distributed for consultation on August 13, 2009. Click [here](#) to access the comment-response matrix for the proposed PRC-004-AB-1. Click [here](#) to access the comment-response matrix for the proposed PRC-004-WECC-AB-1. Please be advised that the proposed Reliability Standards have been further amended after considering comments received from market participants.

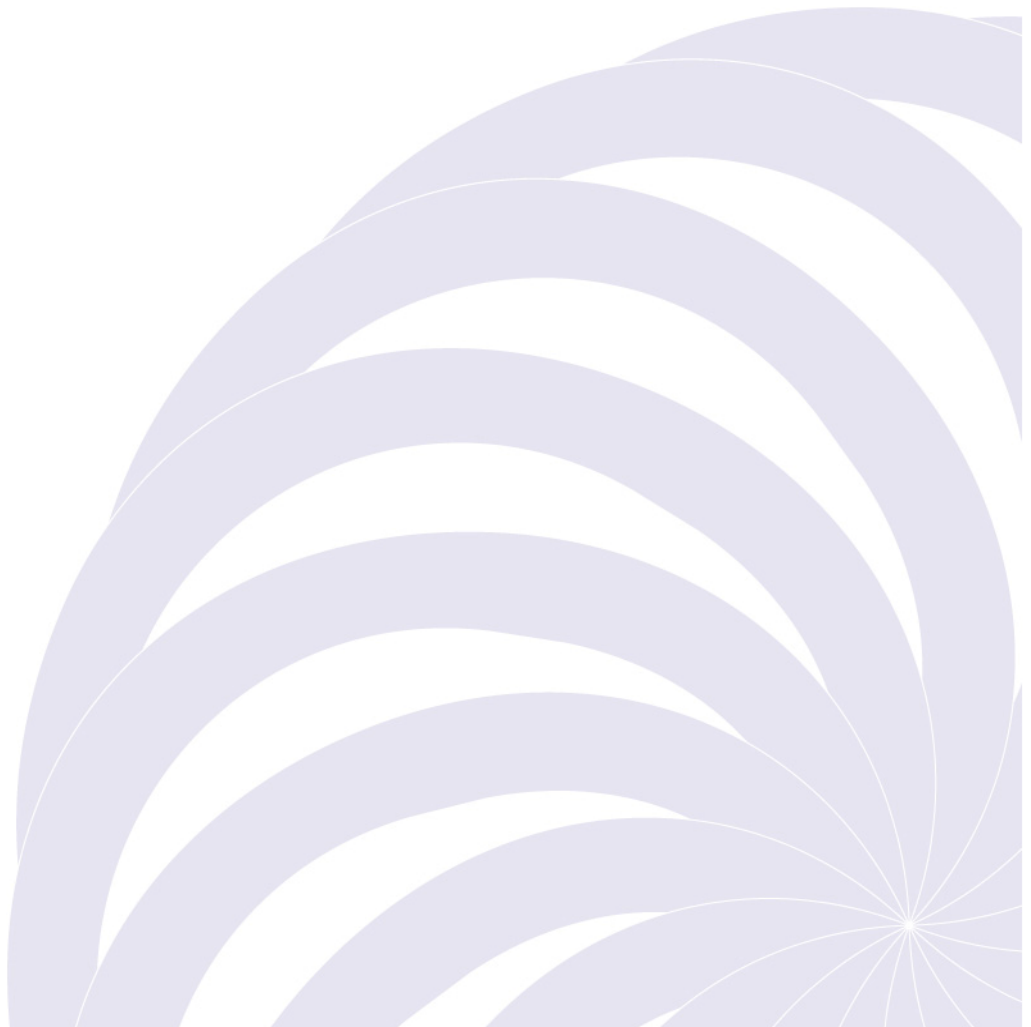


The AESO is expecting to submit the Reliability Standards to the Commission on December 7, 2009

Yours sincerely,

Original Signed By

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Final Recommended Level I Alberta Reliability Standards

Level I changes are changes that have a significant operational or financial impact on the industry or the AESO.

Alberta Reliability Standard – PRC-004-AB-1 Analysis and Mitigation of Transmission and Generation Protection System Misoperation	
Number/Name	PRC-004-AB-1 Analysis and Mitigation of Transmission and Generation Protection System Misoperation
Summary of Alberta Reliability Standard	<p>The purpose of this Reliability Standard is to ensure all transmission and generation protection system misoperations affecting the reliability of the BES are analyzed and mitigated.</p> <p>This new Reliability Standard is based on the United States Federal Energy Regulatory Commission (“FERC”) approved North NERC reliability standard titled PRC-004-1 Analysis and Mitigation of Transmission and Generation Protection System Misoperation</p> <p>This standard contains one or more Alberta variance, which means a change that is deemed to be significant from the corresponding NERC or WECC standard.</p>
Summary of Amendment	This is a new Reliability Standard
Level	I
Explanation of Confidentiality	None
Proposed Effective Date	This new Reliability Standard is proposed to become effective thirty (30) calendar days following approval by the Commission.
AESO Contact	Manager, Interconnection Standards, Dan Shield,



	dan.shield@aeso.ca , (403) 539-2502
Attachments	See attached. Final Comparison Document between PRC-004-1 and PRC-004-AB-1 http://www.nerc.com/files/PRC-004-1.pdf



Alberta Reliability Standard – PRC-004-WECC-AB-1 Protection System and Remedial Action Scheme Misoperation	
Number/Name	PRC-004-WECC-AB-1 Protection System and Remedial Action Scheme Misoperation
Summary of Alberta Reliability Standard	<p>The purpose of this reliability standard is to ensure all misoperations of transmission and generation protection systems and remedial action schemes on transmission paths are analyzed and mitigated.</p> <p>This new reliability standard is based on the NERC Board of Trustee approved Western Electricity Coordinating Council (“WECC”) reliability standard titled PRC-004-WECC -1 Protection System and Remedial Action Scheme Misoperation.</p>
Summary of Amendment	This is a new Reliability Standard
Level	I
Explanation of Confidentiality	None
Proposed Effective Date	This new Reliability Standard is proposed to become effective thirty (30) calendar days following approval by the Commission.
AESO Contact	Manager, Interconnection Standards, Dan Shield, dan.shield@aeso.ca , (403) 539-2502
Attachments	<p>See attached.</p> <p>Final Comparison Document between PRC-004-WECC-1 and PRC-004-WECC-AB-1 http://www.nerc.com/files/PRC-004-WECC-1.pdf</p>