



AESO Reliability Standards Monthly Report

November/December 2009

Comments/Questions

For comments or questions about the reliability standards or

To submit comments on NERC or WECC reliability standards for AESO consideration contact:

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Related Links

- [NERC Standards Development](#)
- [WECC Standards Development](#)
- [AESO Reliability Standards Monthly Reports](#)
- [AESO Reliability Committee](#)
- [Alberta Reliability Standards](#)

In This Issue

The Reliability Standards Monthly Report provides an overview of the AESO's activities related to NERC and WECC standards, business practices and criterion that are posted for review, comment or balloting.

The AESO consults with internal subject matter experts, members of the [AESO Reliability Committee \(ARC\)](#) working groups and the Standards Review Committee (SRC) of the ISO/RTO Council (IRC) when responding to NERC and WECC on the standards.

The report also includes a summary of ARC and its work group activities associated with reliability standards.

NERC Standards

Standard	Name/Description	Status	Due Date
CIP-002-3 to 009-3	Cyber Security	Comment Period	2009-11-12
EOP-001-0	Emergency Operations Planning	Ballot Period Ended	2009-11-16
PER-003-1	Certifying System Operators	Comment Period Ended	2009-11-20
PRC-004-1 PRC-005-1	Analysis & Mitigation of Transmission/Generation Protection System Misoperations; Transmission & Generation Protection System Maintenance & Testing	Ballot Period Ended	2009-12-07
BAL-003-0	Frequency Response and Bias	Ballot Period Ended	2009-12-07
Five INT Standards	Coordinate Interchange Standards	Comment Period Ended	2009-12-11
CIP-002-3 to 009-3	Cyber Security	Recirculation Ballot Period Ended	2009-12-14



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NERC Standards

Standard	Name/Description	Status	Due Date
CIP-004-2	Cyber Security — Personnel & Training	Ballot Period	2009-12-14
CIP-006-1	Cyber Security – Physical Security	Recirculation Ballot	2010-12-23
BAL-001-1.1a BAL-002-0	Real Power Balancing Control Performance and Disturbance Control Performance	Pre-Ballot Review	2010-01-05
EOP-005-1	System Restoration Plans	Pre-Ballot Review	2010-01-05
CIP-004-1	Cyber Security — Personnel & Training	Pre-Ballot Review	2010-01-06
FAC-008-2	Facility Ratings Methodology	Pre-Ballot Review	2010-01-12
COM-003-1	Operating Personnel Communications Protocols	Comment Period	2010-01-15
New EOP Standard	Emergency Operations	Comment Period	2010-01-15



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WECC Standards and Related Postings

Standard	Name/Description	Status	Due Date
WECC-0047	Preschedule Process	Comment Period	2010-01-06
WECC-0058 Definition	Bulk Electric System	Comment Period	2010-01-12
WECC-0049	Blackstart Unit Testing	Comment Period	2010-01-20
VAR-001-WECC-1	Voltage and Reactive Control	Comment Period	2010-01-29

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Alberta Reliability Standards

Standard	Name/Description	Status	Due Date
CIP-001-AB-1	Sabotage Reporting	Submitted to AUC	2009-12-01
EOP-001-AB-1	Emergency Operations Planning	Stakeholder Consultation Ended	2009-11-05
IRO-006-4 N/A	Reliability Coordination – Transmission Loading Relief	Submitted to AUC	2009-11-05
IRO-006-WECC-AB-1	Qualified Transfer Path Unscheduled Flow Relief	Submitted to AUC	2009-12-01
MOD-002-0 N/A	Review of Transmission Service Provider Total Transfer Capability and Available Transfer Capability Calculations and Results	Submitted to AUC	2009-11-05
MOD-003-0 N/A	Regional Procedure for Input on Total Transfer Capability and Available Transfer Capability Methodologies and Values	Submitted to AUC	2009-11-05
MOD-004-0 N/A	Documentation of Regional Reliability Organization Capacity Benefit Margin Methodologies	Submitted to AUC	2009-11-05
MOD-005-0 N/A	Procedure for Verifying Capacity Benefit Margin Values	Submitted to AUC	2009-11-05
MOD-009-0 N/A	Procedure for Verifying Transmission Reliability Margin Values	Submitted to AUC	2009-11-05
MOD-016-AB-1.1	Documentation of Data Reporting Requirements for Actual and Forecast Demands, Net Energy for Load, and Controllable Demand-Side Management	Submitted to AUC	2009-12-01

N/A means Not Applicable in Alberta

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Alberta Reliability Standards

Standard	Name/Description	Status	Due Date
MOD-017-AB-0.1	Aggregated Actual and Forecast Demands and Net Energy for Load	Submitted to AUC	2009-12-01
MOD-018-AB-0	Treatment of Nonmember Demand Data and How Uncertainties are Addressed in the Forecasts of Demand and Net Energy for Load	Submitted to AUC	2009-12-01
MOD-019-AB-0	Reporting of Interruptible Demands and Direct Control Load Management	Submitted to AUC	2009-12-01
NUC-001-1 N/A	Nuclear Plant Interface Coordination	Submitted to AUC	2009-11-05
PRC-001-AB-1	System Protection Coordination	Submitted to AUC	2009-12-01
PRC-004-AB-1	Analysis and Mitigation of Transmission and Generation Protection System Misoperations	Submitted to AUC	2009-12-08
PRC-004-WECC-AB-1	Protection System and Remedial Action Scheme Misoperation	Submitted to AUC	2009-12-08
TOP-007-WECC-AB-1	System Operating Limits	Submitted to AUC	2009-12-08

N/A means Not Applicable in Alberta

Reliability Committee and Work Group Highlights

Alberta Reliability Committee (ARC) – An ARC meeting was held November 16 2009. The ARC reviewed 14 reliability standards that are currently being prepared for submission to the AUC. Peter Wong made a presentation on compliance to address concerns on the role of the audit team and RSAW development. The next ARC meeting is scheduled for Q1, 2010. [More...](#)

Operations Work Group – The OWG met on October 21. The group reviewed 8 standards targeted for the January 2010 cycle and began assessment of 10 standards that will be included in the April 2010 cycle. The next WG meeting will be in Q1 2010. [More...](#)

Technical Work Group – The TWG met on November 4. The group continued review of the PRC standards scheduled for the January 2010 cycle. The next meeting will be in Q1 2010. [More...](#)

Transmission Planning Work Group – Four Alberta TPL Standards have been approved by the AUC. [More...](#)

Security Work Group – The SWG met on November 19 and December 10. The group continued review of CIP-002, 003 and 004. CIP-001-AB-1 has been submitted to the AUC for approval. The next meeting is scheduled for January 21. [More...](#)

Compliance Work Group – A compliance monitoring program for standards has been completed and is being used to develop an implementation plan for 2009. The program was developed with extensive stakeholder consultation at 10 meetings of the workgroup over eight months. The program is well received and supported by the stakeholders.

ISO Rule 12 is approved and enables monitoring of reliability standards as established in the compliance monitoring program. Compliance monitoring will be implemented for each of the standards prior to the effective date of the standard. Standards under approval have effective dates well into 2009, at which time compliance monitoring will be initiated.

The ARC compliance working group has met its original mandate of providing input and advice in establishing the Compliance Monitoring Program and the Implementation Program for Alberta. Bi-monthly meetings will be scheduled with the compliance working group to discuss key issues related to compliance and the implementation of the programs. [More...](#)

Standards Review Committee (SRC) of ISO/RTO Council – The SRC holds biweekly teleconferences and quarterly meetings to discuss and review the current NERC standards posted for review and to draft group responses to them. The next quarterly meeting is being hosted by ERCOT in January 2010.