



AESO Reliability Standards Monthly Report

October 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:

Mark Thompson

External Reliability Standards Coordinator

T: 403-539-2625

E: mark.thompson@aeso.ca

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-001-1	Sabotage Reporting	Recirculation Ballot Ended	2009-10-09
CIP-006-1 RFI for Progress	Physical Security of Critical Cyber Assets	Ballot Period Ended	2009-10-12
TPL-001-1	Transmission System Planning Performance Requirements	Comment Period Ended	2009-10-16
FAC-003-2	Vegetation Management	Comment Period Ended	2009-10-24
PRC-001-2	System Protection Coordination	Comment Period Ended	2009-10-26
CIP-005-1	Cyber Security – Electronic Security Perimeters	Ballot Period Ended	2009-10-26
EOP-001-0	Emergency Operations Planning	Pre-Ballot Review	2009-11-05

Comments/Questions



AESO Reliability Standards Monthly Report

October 2009

For comments or questions about the reliability standards

or

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

Mark Thompson

External Reliability Standards Coordinator

T: 403-539-2625

E: mark.thompson@aeso.ca

NERC Standards

Standard	Name/Description	Status	Due Date
CIP-002-3 to 009-3	Cyber Security	Comment Period	2009-11-12
PRC-004-1 PRC-005-1	Analysis & Mitigation of Transmission/Generation Protection System Misoperations; Transmission & Generation Protection System Maintenance & Testing	Pre-Ballot Review	2009-11-19
PER-003-1	Certifying System Operators	Comment Period	2009-11-20
BAL-003-0	Frequency Response and Bias	Pre-Ballot Review	2009-11-20
CIP-002-3 to 009-3	Cyber Security	Pre-Ballot Review	2009-11-20
CIP-004-2	Cyber Security — Personnel & Training	Pre-Ballot Review	2009-12-01

[Comments/Questions](#)



AESO Reliability Standards Monthly Report

October 2009

For comments or questions about the reliability standards

or

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

Mark Thompson

External Reliability Standards Coordinator

T: 403-539-2625

E: mark.thompson@aeso.ca

WECC Standards and Related Postings

Standard	Name/Description	Status	Due Date
WECC-0047 Business Practice	Preschedule Process	Comment Period Ended	2009-10-10
BAL-004-WECC-1	Automatic Time Error Correction	Comment Period	2009-10-30
WECC-0058 Definition	Bulk Electric System	Comment Period	2009-11-13
WECC-0054	WECC Interchange Authority Backup	Comment Period	2009-11-13

Comments/Questions

For comments or questions about the reliability standards or

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

Mark Thompson

External Reliability Standards Coordinator

T: 403-539-2625

E: mark.thompson@aeso.ca

Alberta Reliability Standards

Standard	Name/Description	Status	Due Date
CIP-001-AB-1	Sabotage Reporting	Stakeholder Consultation Ended	2009-10-02
EOP-001-AB-1	Emergency Operations Planning	Stakeholder Consultation Ended	2009-10-02
MOD-002-0 N/A	Review of Transmission Service Provider Total Transfer Capability and Available Transfer Capability Calculations and Results	Stakeholder Consultation Ended	2009-10-02
MOD-003-0 N/A	Regional Procedure for Input on Total Transfer Capability and Available Transfer Capability Methodologies and Values	Stakeholder Consultation Ended	2009-10-02
MOD-004-0 N/A	Documentation of Regional Reliability Organization Capacity Benefit Margin Methodologies	Stakeholder Consultation Ended	2009-10-02
MOD-005-0 N/A	Procedure for Verifying Capacity Benefit Margin Values	Stakeholder Consultation Ended	2009-10-02
MOD-009-0 N/A	Procedure for Verifying Transmission Reliability Margin Values	Stakeholder Consultation Ended	2009-10-02
MOD-016-AB-1.1	Documentation of Data Reporting Requirements for Actual and Forecast Demands, Net Energy for Load, and Controllable Demand-Side Management	Stakeholder Consultation Ended	2009-10-02
MOD-017-AB-0.1	Aggregated Actual and Forecast Demands and Net Energy for Load	Stakeholder Consultation Ended	2009-10-02

N/A means Not Applicable in Alberta

For comments or questions about the reliability standards or

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

Mark Thompson

External Reliability Standards Coordinator

T: 403-539-2625

E: mark.thompson@aeso.ca

Alberta Reliability Standards

Standard	Name/Description	Status	Due Date
MOD-018-AB-0	Treatment of Nonmember Demand Data and How Uncertainties are Addressed in the Forecasts of Demand and Net Energy for Load	Stakeholder Consultation Ended	2009-10-02
MOD-019-AB-0	Reporting of Interruptible Demands and Direct Control Load Management	Stakeholder Consultation Ended	2009-10-02
TOP-007-WECC-AB-1	System Operating Limits	Stakeholder Consultation Ended	2009-10-02
IRO-006-4 N/A	Reliability Coordination – Transmission Loading Relief	Stakeholder Consultation Ended	2009-08-28
IRO-006-WECC-AB-1	Qualified Transfer Path Unscheduled Flow Relief	Stakeholder Consultation Ended	2009-09-14
NUC-001-1 N/A	Nuclear Plant Interface Coordination	Stakeholder Consultation Ended	2009-08-28
PRC-001-AB-1	System Protection Coordination	Stakeholder Consultation Ended	2009-09-14
PRC-004-AB-1	Analysis and Mitigation of Transmission and Generation Protection System Misoperations	Stakeholder Consultation Ended	2009-09-14
PRC-004-WECC-AB-1	Protection System and Remedial Action Scheme Misoperation	Stakeholder Consultation Ended	2009-09-14
PRC-005-AB-1	Transmission and Generation Protection System Maintenance and Testing	Stakeholder Consultation Ended	2009-09-14
PRC-016-AB-0	Special Protection System Misoperations	Stakeholder Consultation Ended	2009-09-14

N/A means Not Applicable in Alberta

Alberta Reliability Committee (ARC) – An ARC meeting was held June 12, 2009. There were 9 standards assigned to the AESO internal work group that were not ready to be presented to ARC. These were emailed to ARC for review. 12 Alberta reliability standards were reviewed with no concerns expressed by ARC members. The AESO moved the standards into the October ISO Rules cycle. The next ARC meeting is scheduled for Nov. 16 [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 October 22. The group began review of 4 PRC standards scheduled for the January 2010 cycle. Due to a significant amount of discussion on these 4 standards another meeting was scheduled. The next meeting is on November 4. [More...](#)

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

Security Work Group – The SWG met on October 9. CIP-001-AB-1 is in the January cycle and final comments are being reviewed. The group continued review of CIP-002, 003 and 004. The next meeting is scheduled for November 19. [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.