

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
TOP-001 to 004	Real-Time Operations	Comment Period Ended	2009-05-07
EOP-001 to 009	EOP VSLs	Comment Period Ended	2009-05-08
EOP-005-2 EOP-006-2	System Restoration and Black Start	Recirculation Ballot Period Ended	2009-05-18
PRC-006-1	Underfrequency Load Shedding	Comment Period Ended	2009-05-21
CIP-001-1 & EOP-004-1	Sabotage and Disturbance Reporting	Comment Period Ended	2009-05-21
MOD-001-1 & MOD-029-1	Available Transmission System Capability and Rated System Path Methodology	Ballot Period	2009-06-04
IRO-010-1	Reliability Coordinator Data Specification and Collection	Recirculation Ballot Period	2009-06-05
TPL-002-0a	System Performance Following Loss of a Single Bulk Electric System Element	Pre-Ballot Review	2009-06-09

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NERC Standards

Standard	Name/Description	Status	Due Date
NUC-001-2	Nuclear Plant Interface Coordination	Pre-Ballot Review	2009-06-12
CIP-002-2 to 009-2 VSLs	Cyber Security	Pre-Ballot Review	2009-06-15
TPL-001-1	Transmission System Planning Performance Requirements	Comment Period	2009-07-09

WECC Standards and Postings

Standard	Name/Description	Status	Due Date
WECC-0047-0	Pre-Schedule Process Regional Criterion	Comment Period	2009-06-11
BES	Bulk Electric System Definition	Comment Period	2009-06-29

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Alberta Reliability Standards

Standard	Name/Description	Status	Due Date
EOP-003-1	Load Shedding Plans	Filed with AUC	2009-05-07
EOP-004-1	Disturbance Reporting	Filed with AUC	2009-05-07
BAL-002-0	Disturbance Control Performance	Comment Period Ended	2009-05-29
BAL-002-WECC-1	Contingency Reserve	Comment Period Ended	2009-05-29
INT-001-3	Interchange Information	Comment Period Ended	2009-05-29
INT-004-2	Dynamic Interchange Transaction Modifications	Comment Period Ended	2009-05-29
INT-005-3	Interchange Authority Distributes Arranged Interchange	Comment Period Ended	2009-05-29
INT-006-2	Response to Interchange Authority	Comment Period Ended	2009-05-29
INT-007-1	Interchange Confirmation	Comment Period Ended	2009-05-29
INT-008-3	Interchange Authority Distributes Status	Comment Period Ended	2009-05-29
INT-009-1	Implementation of Interchange	Comment Period Ended	2009-05-29
INT-010-1	Interchange Coordination Exemptions	Comment Period Ended	2009-05-29
MOD-006-0	Procedures for the Use of Capacity Benefit Margin Values	Comment Period Ended	2009-05-29
MOD-007-0	Documentation of the Use of Capacity Benefit Margin	Comment Period Ended	2009-05-29

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Standard	Name/Description	Status	Due Date
MOD-020-0	Providing Interruptible Demands and Direct Control Load Management Data to System Operators and Reliability Coordinators	Comment Period Ended	2009-05-29
MOD-021-0	Documentation of the Accounting Methodology for the Effects of Controllable Demand-Side Management in Demand and Energy Forecasts	Comment Period Ended	2009-05-29
PER-004-2	Reliability Coordination – Staffing	Comment Period Ended	2009-05-29
EOP-002-2	Capacity and Energy Emergencies	Comment Period Ended	2009-05-29
EOP-006-1	Reliability Coordination - System Restoration	Comment Period Ended	2009-05-29
EOP-007-0	Establish, Maintain, and Document a Regional Black Start Capability Plan	Comment Period Ended	2009-05-29
MOD-013-1	Maintenance and Distribution of Dynamics Data Requirements and Reporting Procedures	Comment Period Ended	2009-05-29
MOD-014-0	Development of Steady-State System Models	Comment Period Ended	2009-05-29
MOD-015-0	Development of Dynamics System Models	Comment Period Ended	2009-05-29
PRC-003-1	Regional Procedure for Analysis of Misoperations of Transmission and Generation Protection Systems	Comment Period Ended	2009-05-29

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Standard	Name/Description	Status	Due Date
PRC-006-0	Development and Documentation of Regional Reliability Organizations' Underfrequency Load Shedding Programs	Comment Period Ended	2009-05-29
PRC-009-0	Analysis and Documentation of Underfrequency Load Shedding	Comment Period Ended	2009-05-29
PRC-010-0	Technical Assessment of the Design and Effectiveness of Under Voltage Load	Comment Period Ended	2009-05-29
PRC-012-0	Special Protection System Review Procedure	Comment Period Ended	2009-05-29
PRC-013-0	Special Protection System Database	Comment Period Ended	2009-05-29
PRC-014-0	Special Protection System Assessment	Comment Period Ended	2009-05-29
PRC-020-1	Under Voltage Load Shedding Program Database	Comment Period Ended	2009-05-29
PRC-021-1	Under Voltage Load Shedding Program Data	Comment Period Ended	2009-05-29
PRC-022-1	Under Voltage Load Shedding Program Performance	Comment Period Ended	2009-05-29
TPL-001-0	System Performance Under Normal (No Contingency) Conditions (Category A)	Comment Period Ended	2009-05-29
TPL-002-0	System Performance Following Loss of a Single Bulk Electric System Element (Category B)	Comment Period Ended	2009-05-29
TPL-003-0	System Performance Following Loss of Two or More Bulk Electric System Elements (Category C)	Comment Period Ended	2009-05-29

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Alberta Reliability Standards

Standard	Name/Description	Status	Due Date
TPL-004-0	System Performance Following Extreme Events Resulting in the Loss of Two or More Bulk Electric System Elements (Category D)	Comment Period Ended	2009-05-29
TPL-005-0	Regional and Interregional Self-Assessment Reliability Reports	Comment Period Ended	2009-05-29
TPL-006-0	Data From the Regional Reliability Organization Needed to Assess	Comment Period Ended	2009-05-29
FAC-501-WECC-1	Transmission Maintenance (former PRC std)	Comment Period Ended	2009-05-29
PRC-002-1	Define Regional Disturbance Monitoring and Reporting Requirements	Comment Period Ended	2009-05-29
FAC-001-0	Facility Connection Requirements	Comment Period Ended	2009-05-29
FAC-002-0	Coordination of Plans For New Generation, Transmission, and End-User	Comment Period Ended	2009-05-29

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Reliability Committee and Work Group Highlights

Alberta Reliability Committee (ARC) – An ARC meeting was held March 27th 2009. There were discussions on the 37 reliability standards proposed to be moved into the ISO Rules cycle. No concerns were expressed by ARC members. The AESO will move the standards provided in the agenda into the July ISO Rules cycle.

Of the 37, 3 are applicable to Market Participants and the AESO, 10 are applicable only to the AESO in Alberta and 24 will be recommended to be rejected for application in Alberta as not applicable to an Alberta entity. [More...](#)

Operations Work Group – The OWG met on February 18. The group was informed that six standards are ready for organizational review. The work group conducted a preliminary review of five standards that are scheduled to be recommended to ARC in June. The next meeting is scheduled for June 8. [More...](#)

Technical Work Group – The TWG met on February 19. Four reliability standards are ready for submission to the ARC. The work group conducted a preliminary review of four PRC standards. The next meeting is scheduled for June 9. [More...](#)

Transmission Planning Work Group – The next work group meeting is tentatively scheduled for Q2 2009. [More...](#)

Security Work Group – The SWG met on May 14. CIP-001-AB-1 will go for ARC approval on June 12. CIP-002-AB-1 is being prepared for organizational review. The group reviewed CIP-003 and made recommendations for the Alberta version of the standard. The next meeting is scheduled for June 9. [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 a quarterly meeting is being hosted by ISO New England in early July.