

## 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
<a href="#">TPL-001-2</a>	Transmission System Planning Performance Requirements	Comment Period Ended	2010-09-02
<a href="#">IRO-003-2</a>	Reliability Coordination – Wide Area View	Comment Period Ended	2010-09-03
<a href="#">TOP-001 to 003</a>	Real-Time Operations	Comment Period Ended	2010-09-03
<a href="#">PRC-023-2</a>	Transmission Relay Loadability	Comment Period Ended	2010-09-19
<a href="#">PER-003-1</a>	Certifying System Operators	Comment and Ballot Period Ended	2010-09-24
<a href="#">CIP-005-4</a>	Cyber Security – Electronic Security Perimeter(s)	Ballot Period Ended	2010-09-27
<a href="#">TPL-001 to 004</a>	Table 1 Order Footnote 'b'	Comment Period	2010-10-08
<a href="#">CIP-002-4</a>	Critical Cyber Asset Identification	Comment Period	2010-10-08
<a href="#">PRC-005-2</a>	Transmission and Generation Protection System Maintenance and Testing	Comment Period	2010-10-12

## NERC Standards

Standard	Name/Description	Status	Due Date
<a href="#">PRC-023-2 Attachment 'b'</a>	Transmission Relay Loadability	Comment Period	2010-10-12
<a href="#">EOP-004-2</a>	Impact Event and Disturbance Assessment, Analysis, and Reporting	Comment Period	2010-10-15
<a href="#">CIP-002-4</a>	Critical Cyber Asset Identification	Comment Period and Pre-Ballot Review	2010-11-03
<a href="#">FAC-013-2</a>	Planning Transfer Capability	Comment Period and Pre-Ballot Review	2010-11-03

## WECC Standards and Criterion

Standard or Criterion	Name/Description	Status	Due Date
<a href="#">WECC-0074 MOD-(11 and 13)-WECC- CRT-1</a>	Power Flow Base Case and Dynamic Stability Data Preparation Procedure	Comment Period Ended	2010-09-07
<a href="#">WECC-0053 INT-BPS-001-3</a>	Tagging Regional Criteria	Comment Period Ended	2010-09-11
<a href="#">WECC-0049 EOP-007- WECC-CRT-1</a>	Blackstart Capability and Blackstart Unit Testing Plan	Comment Period Ended	2010-09-13
<a href="#">WECC-0065 UFLS Plan</a>	Under Frequency Load Shedding	Comment Period	2010-10-21
<a href="#">WECC-0046 VAR-001- WECC-1</a>	Voltage and Reactive Control	Comment Period	2010-10-25
<a href="#">WECC-0055 PRC-012 through 14- WECC-CRT-1</a>	Remedial Action Scheme	Comment Period	2010-10-25
<a href="#">WECC-0070 PRC-301- WECC-CRT-1</a>	Governor Droop Setting	Comment Period	2010-11-15

## Alberta Reliability Standards Under Development

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Standard	Name/Description	Status	Due Date
BAL-002-AB-0	Disturbance Control Performance	Stakeholder Consultation Pending	Q4
BAL-STD-002-AB-0	Contingency Reserves	Stakeholder Consultation Pending	Q4
BAL-004-AB-1	Time Error Correction	Stakeholder Consultation Pending	Q4
BAL-004-WECC-AB-1	Automatic Time Error Correction	Stakeholder Consultation Pending	Q4
BAL-005-AB-0.1b	Automatic Generation Control	Stakeholder Consultation Pending	Q4
COM-001-AB-1	Telecommunications	Stakeholder Consultation	Oct. 29
COM-002-AB-2	Communications and Coordination	Stakeholder Consultation	Oct. 29
EOP-001-AB-1	Emergency Operations Planning	Stakeholder Consultation Pending	Q4
EOP-005-AB-2	System Restoration from Blackstart Resources	Stakeholder Consultation Pending	Q4
EOP-008-AB-0	Plans for Loss of Control Center Functionality	Stakeholder Consultation Ended	Aug. 27
FAC-010-AB-2	System Operating Limits Methodology for the Planning Horizon	Stakeholder Consultation Pending	Q4

N/A means Not Applicable in Alberta

## Alberta Reliability Standards Under Development

Standard	Name/ Description	Status	Due Date
FAC-011-2 N/A	System Operating Limits Methodology for the Operations Horizon	Stakeholder Consultation Pending	Q4
FAC-012-AB-1	Transfer Capability Methodology	NERC Standard to be retired	
FAC-013-AB-1	Establish and Communicate Transfer Capabilities	NERC Review	2011 project
FAC-014-AB-2	Establish and Communicate System Operating Limits	Stakeholder Consultation Pending	Q4
IRO-001-AB-1	Reliability Coordination Responsibilities and Authorities	Stakeholder Consultation Ended	Sept. 17
IRO-004-2 N/A	Reliability Coordination Operations Planning	Filed with AUC	Sept. 30
IRO-005-AB-3	Reliability Coordination Current Day Operations	Stakeholder Consultation Ended	Sept. 2
IRO-006-AB-4.1	Reliability Coordination Transmission Loading Relief	Internal Review	2011 project
MOD-001-AB-1	Available Transmission System Capability	Stakeholder Consultation Pending	Q4
MOD-008-0 N/A	Transmission Reliability Margin	Stakeholder Consultation Ended	Aug. 15

N/A means Not Applicable in Alberta

## Alberta Reliability Standards Under Development

Standard	Name/ Description	Status	Due Date
MOD-010&012-AB-0	Steady-State and Dynamic Data for Transmission System Modeling and Simulation	Stakeholder Consultation Ended	Aug. 8
MOD-011-0 N/A	Regional Steady-State Data Requirements and Reporting Procedures	Filed with AUC	Sept. 30
MOD-024&025-AB-1	Verification of Generator Real and Reactive Power Capability	Stakeholder Consultation Ended	Sept. 17
MOD-028-1 N/A	Area Interchange Methodology	Filed with AUC	Sept. 30
MOD-029-AB-1	Rated System Path Methodology	Stakeholder Consultation Ended	Oct. 1
MOD-030-1 N/A	Flowgate Methodology	Filed with AUC	Sept. 30
PER-002-0 N/A	Operating Personnel Training	Filed with AUC	Sept. 30
PER-003-AB-0	Operating Personnel Credentials	Stakeholder Consultation Ended	Sept. 2
PER-005-AB-1	System Personnel Training	Stakeholder Consultation Ended	Sept. 2
PRC-005-AB-1	Transmission and Generation Protection System Maintenance and Testing	AUC Filing Pending	Q4
PRC-007-AB-0	Assuring Consistency with Regional UFLS Program Requirements	Stakeholder Consultation Ended	Aug. 15
PRC-008-AB-0	Underfrequency Load Shedding Equipment Maintenance Programs	Stakeholder Consultation Ended	Sept. 17

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## Alberta Reliability Standards Under Development

Standard	Name/ Description	Status	Due Date
PRC-011-AB-0	System Maintenance and Testing	Stakeholder Consultation Ended	Aug. 27
PRC-015-AB-0	Special Protection System Data and Documentation	Stakeholder Consultation Ended	Aug. 27
PRC-016-AB-0	Special Protection System Misoperations	AUC Filing Pending	Q4
PRC-017-AB-0	Special Protection System Maintenance and Testing	Stakeholder Consultation Ended	Aug. 27
PRC-018-AB-1	Disturbance Monitoring Equipment Installation and Data Reporting	Stakeholder Consultation Ended	Aug. 15
PRC-023-AB-1	Transmission Relay Loadability	Stakeholder Consultation Ended	Aug. 15
VAR-001-AB-1a	Voltage and Reactive Control	Stakeholder Consultation Ended	July 9
VAR-002-AB-1.1b	Generator Operation for Maintaining Network Voltages	Stakeholder Consultation Ended	July 9
VAR-002-WECC-AB-1	Automatic Voltage Regulators	Stakeholder Consultation Ended	July 9
VAR-501-WECC-AB-1	Power System Stabilizer	Stakeholder Consultation Ended	July 9

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## Alberta CIP Reliability Standards Under Development

Standard	Name/ Description	Status	SWG Meeting Date
CIP-002-AB-2	Cyber Security Critical Cyber Asset Identification	AESO Internal Review	2010-10-20
CIP-003-AB-2	Cyber Security Management Controls	AESO Internal Review	2010-10-20
CIP-004-AB-2	Cyber Security Personnel and Training	AESO Internal Review	2010-10-20
CIP-005-AB-2	Cyber Security Electronic Security Perimeter(s)	AESO Internal Review	2010-10-20
CIP-006-AB-2	Physical Security of Critical Cyber Assets	AESO Internal Review	2010-10-20
CIP-007-AB-2	Cyber Security – Systems Security Management	AESO Internal Review	2010-10-20
CIP-008-AB-2	Cyber Security - Incident Reporting and Response Planning	Work Group Review	2010-10-20
CIP-009-AB-2	Cyber Security - Recovery Plans for Critical Cyber Assets	Work Group Review	2010-10-20
CIP-TFE-AB	Technical Feasibility Exemption	Work Group Review	2010-10-20

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## Reliability Committee and Work Group Highlights

**AESO Reliability Committee (ARC)** – The ARC met on June 28, 2010. Six standards were approved to proceed towards stakeholder consultation and one standard was recommended as not applicable in Alberta. There will be a meeting in Q4. [More...](#)

**Operations Work Group** – Future meetings will be scheduled as required. [More...](#)

**Technical Work Group** – Future meetings will be scheduled as required. [More...](#)

**Transmission Planning Work Group** – Future meetings will be scheduled as required. [More...](#)

**Security Work Group** – The SWG met on September 22. Status updates were given on the development of the ARS versions of CIP-002, 003, 004, 005, 006 & 007. The group continued review of CIP-008 & 009. The next meeting is scheduled for October 20. [More...](#)

**Compliance Work Group** – The implementation phase work of the CWG is complete. Additional meetings of the CWG will be scheduled as required. [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, hosted by PJM, will occur on October 5 and 6.