

## **AESO Reliability Committee (ARC) Operations Work Group Meetings**

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Chair: Jerry Mossing  
Alternate Chair: Doug Hincks

The ARC Operations Work Group (OWG) is reviewing the NERC/WECC reliability standards to assess applicability of the standard requirements within Alberta and Alberta entity responsibilities for the standards assigned to the ARC Operations Work Group. Follow this link and refer to Appendix A in the draft of the [ARC Working Group Terms of Reference](#) for a list of the assigned standards.

The Operations Work Group will review the assigned standards in the following order, however it may be decided to move ahead and review other standards if the group chooses to do so: IRO, TOP, FAC, MOD, EOP, PRC, PER, COM and VAR.

The following are the outcomes from the OWG meetings on May 30, 2008:

- The ARC Operations Work Group prepared responses to comments made by the organizations of the work group members and revised the assessments on NERC Standards TOP-005-1 Operational Reliability Information and INT-003-2 Interchange Transaction Implementation. The OWG decided to send these assessments to the members of the OWG for review within their organizations and to submit the assessment to the ARC<sup>1</sup>.
- Reviewed requirements and associated measures up to the end of NERC Requirement 3 in TOP-008-1 Response to Transmission Limit Violations.
- The AESO will review the requirements and measures for the IRO standards identified in agenda item 3 and submit them to the OWG members for review within their organizations and proceed to submit the assessments to the ARC.
- Outcomes from the meeting on May 30 were accepted as written.

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<sup>1</sup> Any further revisions will be shared with the ARC at the next ARC meeting.

The following is the schedule for upcoming ARC OWG meetings:

Meeting Date	Location
Thursday, June 19, 2008 (9:00 am to 3:00 pm)	Red Deer <sup>2</sup>
Friday, September 12, 2008 (9:00 am to 3:00 pm)	AESO (Main Boardroom)
Monday, October 6, 2008 (9:00 am to 3:00 pm)	AESO (Room 2539)
Friday, November 14, 2008 (9:00 am to 3:00 pm)	AESO (Room 2539)
Monday, December 8, 2008 (9:00 am to 3:00 pm)	AESO (Room 2539)

<sup>2</sup>Meeting Location: Holiday Inn 67th Street - 6500 67 Street, Red Deer

The following is the proposed agenda for the meeting on June 19:

1. Review outcomes from the previous meeting and assess if they are accepted as written.
2. Review any comments received on the assessments made on TOP-005-1 Operational Reliability Information and INT-003-2 Interchange Transaction Implementation.
3. Review any comments received on the recommendations made by the AESO on the measures and requirements for the following standards that are applicable only to the Reliability Coordinator:
  - IRO-002-1 Reliability Coordination - Facilities,
  - IRO-003-2 Reliability Coordination - Wide Area View,
  - IRO-014-1 Procedures, Processes, or Plans to Support Coordination Between Reliability Coordinators,
  - IRO-015-1 Notifications and Information Exchange Between Reliability Coordinators,
  - IRO-016-1 Coordination of Real-time Activities Between Reliability Coordinators standards
4. Continue review of the requirements and measures in TOP-008-1 Response to Transmission Limit Violations starting at NERC Requirement 4.
5. As time permits, reassess the requirements and measures in the assessments that were previously submitted to the ARC for the following reliability standards:
  - PRC-001-1 System Protection Coordination (Combined assessment with TWG)  
[ftp://www.nerc.com/pub/sys/all\\_updl/standards/rs/PRC-001-1.pdf](ftp://www.nerc.com/pub/sys/all_updl/standards/rs/PRC-001-1.pdf)
  - TOP-003-0 Planned Outage Coordination  
[ftp://www.nerc.com/pub/sys/all\\_updl/standards/rs/TOP-003-0.pdf](ftp://www.nerc.com/pub/sys/all_updl/standards/rs/TOP-003-0.pdf)

- TOP-006-1 Monitoring System Conditions  
[ftp://www.nerc.com/pub/sys/all\\_updl/standards/rs/TOP-006-1.pdf](ftp://www.nerc.com/pub/sys/all_updl/standards/rs/TOP-006-1.pdf)
- TOP-001-1 Reliability Responsibilities and Authorities  
[ftp://www.nerc.com/pub/sys/all\\_updl/standards/rs/TOP-001-1.pdf](ftp://www.nerc.com/pub/sys/all_updl/standards/rs/TOP-001-1.pdf)
- TOP-002-2 Normal Operations Planning  
[ftp://www.nerc.com/pub/sys/all\\_updl/standards/rs/TOP-002-2.pdf](ftp://www.nerc.com/pub/sys/all_updl/standards/rs/TOP-002-2.pdf)

The following items will be addressed at future meetings:

1. Re-assess standards where outstanding issues have been addressed. The current “Status of Standards Assessed by the ARC Working Groups” document that will be distributed at the next meeting.
2. Assess for applicability and Alberta entity responsibilities the following reliability standards as time permits:
  - MOD-010-0 Steady-State Data for Modeling and Simulation of the Interconnected Transmission System  
[ftp://www.nerc.com/pub/sys/all\\_updl/standards/rs/MOD-010-0.pdf](ftp://www.nerc.com/pub/sys/all_updl/standards/rs/MOD-010-0.pdf)
  - MOD-012-0 Dynamics Data for Modeling and Simulation of the Interconnected Transmission System  
[ftp://www.nerc.com/pub/sys/all\\_updl/standards/rs/MOD-012-0.pdf](ftp://www.nerc.com/pub/sys/all_updl/standards/rs/MOD-012-0.pdf)
  - MOD-016-1 Documentation of Data Reporting Requirements for Actual and Forecast Demands, Net Energy for Load, and Controllable Demand-Side Management  
[ftp://www.nerc.com/pub/sys/all\\_updl/standards/rs/MOD-016-1.pdf](ftp://www.nerc.com/pub/sys/all_updl/standards/rs/MOD-016-1.pdf)
  - MOD-017-0 Aggregated Actual and Forecast Demands and Net Energy for Load  
[ftp://www.nerc.com/pub/sys/all\\_updl/standards/rs/MOD-017-0.pdf](ftp://www.nerc.com/pub/sys/all_updl/standards/rs/MOD-017-0.pdf)
  - MOD-018-0 Treatment of Nonmember Demand Data and How Uncertainties are Addressed in the Forecasts of Demand and Net Energy for Load  
[ftp://www.nerc.com/pub/sys/all\\_updl/standards/rs/MOD-018-0.pdf](ftp://www.nerc.com/pub/sys/all_updl/standards/rs/MOD-018-0.pdf)
  - MOD-019-0 Reporting of Interruptible Demands and Direct Control Load Management  
[ftp://www.nerc.com/pub/sys/all\\_updl/standards/rs/MOD-019-0.pdf](ftp://www.nerc.com/pub/sys/all_updl/standards/rs/MOD-019-0.pdf)
  - MOD-020-0 Providing Interruptible Demands and Direct Control Load Management Data to System Operators and Reliability Coordinators  
[ftp://www.nerc.com/pub/sys/all\\_updl/standards/rs/MOD-020-0.pdf](ftp://www.nerc.com/pub/sys/all_updl/standards/rs/MOD-020-0.pdf)

- MOD-021-0 Documentation of the Accounting Methodology for the Effects of Controllable Demand-Side Management in Demand and Energy Forecasts.  
[ftp://www.nerc.com/pub/sys/all\\_updl/standards/rs/MOD-021-0.pdf](ftp://www.nerc.com/pub/sys/all_updl/standards/rs/MOD-021-0.pdf)
- PRC-004-WECC-1 (Draft) Protection System and Remedial Action Scheme Misoperation – Review assessment made by the TWG.  
[http://www.wecc.biz/documents/library/Standards/2007/PRC-004/PRC-004-WECC-1\\_3-10-08.pdf](http://www.wecc.biz/documents/library/Standards/2007/PRC-004/PRC-004-WECC-1_3-10-08.pdf) (Status: submitted to WECC Board for approval)

Please bring paper copies of the standards to be reviewed to the meetings.

If you are planning on attending the Operations Work Group meeting on June 19 and you did not receive an electronic meeting invitation, then please RSVP to [allison.mathews@aeso.ca](mailto:allison.mathews@aeso.ca) by June 17.