

## 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 6, 2008:

- After receiving new direction from the ARC, the OWG will be reviewing the standards to include specific measures for each requirement, including the standard assessments that were submitted to the ARC as identified in the May 6, 2008 OWG meeting announcement.
- The OWG reviewed TOP-005-1 Operational Reliability Information and assigned new measures with more specific requirements. The AESO will develop a measure for R1 and will consider submitting the standard assessment for review within the organizations of the OWG members.
- The OWG started to review TOP-008-1 Response to Transmission Limit Violations and assign new measures with more specific requirements. The AESO will draft and propose to the OWG more specific requirements and measures for TOP-008-1.
- The AESO will make a recommendation to the OWG on the requirements and measures for the IRO standards that are under review, refer to item 5 in the following proposed meeting agenda for a list of these standards.
- Outcomes from the previous meeting on April 14 were accepted as written.

The following is the schedule for upcoming ARC OWG meetings:

<b>Meeting Date</b>	<b>Location</b>
Friday, May 30, 2008 (9:00 am to 3:00 pm)	AESO (Room 2539)
Monday, June 23, 2008 (9:00 am to 3:00 pm)	AESO (Room 2539)
Friday, September 12, 2008 (9:00 am to 3:00 pm)	AESO (Room 2539)
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)

The following is the proposed agenda for the meeting on May 30:

1. Review outcomes from the previous meeting and assess if they are accepted as written.
2. AESO to provide update on guidelines for setting measures for the reliability standards.
3. Review work done on TOP-005-1 Operational Reliability Information by the AESO and continue with work required to review measures and requirements.
4. Review recommendations made by the AESO on the measures and requirements in TOP-008-1 Response to Transmission Limit Violations.
5. Review 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
6. Develop measures, modify related requirements and address any issues that were raised for:
  - PRC-001-1 System Protection Coordination (Requirement 6 and associated measures, this is a combined assessment with the TWG)
  - TOP-003-0 Planned Outage Coordination
7. 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.

8. 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 May 30 and you did not receive an electronic meeting invitation, then please RSVP to [allison.mathews@aeso.ca](mailto:allison.mathews@aeso.ca) by May 23.