

## **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 March 13 and 14:

- The OWG agreed to submit assessments made on the following reliability standards to the ARC:
  - 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
  - TOP-005-1 Operational Reliability Information
  - TOP-008-1 Response to Transmission Limit Violations
- The OWG agreed to submit the following standards to the ARC subject to reviewing the OWG response with the party that submitted the comment(s):
  - FAC-011-1 System Operating Limits Methodology for the Operations Horizon
  - IRO-002-1 Reliability Coordination — Facilities
  - IRO-003-2 Reliability Coordination — Wide-Area ViewNOTE: IRO-002-1 and IRO-003-2 were subsequently submitted to the ARC.
- Outcomes from the previous meeting were accepted as written with the following correction:

“The assessments and recommendations made by the OWG for TOP-003-0, TOP-005-1, TOP-006-1, TOP-008-1, FAC-011-1, IRO-002-1, IRO-003-2, IRO-

014-1, IRO-015-1 and IRO-016-1 are ready for review within the organizations of the OWG members.”

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The following is the schedule for upcoming ARC OWG meetings:

Meeting Date	Location
Tuesday, May 6, 2008 (9:00 am to 3:00 pm)	AESO (Room 2539)
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 6:

1. Review outcomes from the previous meeting and assess if they are accepted as written.
2. Review outcomes of the ARC meeting held on May 1.
3. AESO to provide update on guidelines for setting measures for the reliability standards.
4. Re-assess standards where outstanding issues have been addressed. Refer to the “Status of Standards Assessed by the ARC Working Groups” document (to be distributed at the next meeting).
5. 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-011-0 Maintenance and Distribution of Steady-State Data Requirements and Reporting Procedures  
[ftp://www.nerc.com/pub/sys/all\\_updl/standards/rs/MOD-011-0.pdf](ftp://www.nerc.com/pub/sys/all_updl/standards/rs/MOD-011-0.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-013-1 Maintenance and Distribution of Dynamics Data Requirements and Reporting Procedures  
[ftp://www.nerc.com/pub/sys/all\\_updl/standards/rs/MOD-013-1.pdf](ftp://www.nerc.com/pub/sys/all_updl/standards/rs/MOD-013-1.pdf)
- MOD-014-0 Development of Steady-State System Models  
[ftp://www.nerc.com/pub/sys/all\\_updl/standards/rs/MOD-014-0.pdf](ftp://www.nerc.com/pub/sys/all_updl/standards/rs/MOD-014-0.pdf)
- MOD-015-0 Development of Dynamics System Models  
[ftp://www.nerc.com/pub/sys/all\\_updl/standards/rs/MOD-015-0.pdf](ftp://www.nerc.com/pub/sys/all_updl/standards/rs/MOD-015-0.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)
- MOD-024-1 Verification of Generator Gross and Net Real Power Capability  
[ftp://www.nerc.com/pub/sys/all\\_updl/standards/rs/MOD-024-1.pdf](ftp://www.nerc.com/pub/sys/all_updl/standards/rs/MOD-024-1.pdf)
- MOD-025-1 Verification of Generator Gross and Net Reactive Power Capability  
[ftp://www.nerc.com/pub/sys/all\\_updl/standards/rs/MOD-025-1.pdf](ftp://www.nerc.com/pub/sys/all_updl/standards/rs/MOD-025-1.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 6 and you did not receive an electronic meeting invitation, then please RSVP to [allison.mathews@aeso.ca](mailto:allison.mathews@aeso.ca) by May 5.