

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

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Chair: Jerry Mossing  
Alternate Chair: Doug Hincks

The following are the outcomes from the OWG meeting on November 14, 2008:

1. The OWG reviewed the drafts prepared by the AESO for Alberta Reliability Standards EOP-003-AB-1 and EOP-004-AB-1 as contained in the conversion worksheets. Item 8 of Appendix 1 in EOP-004-AB-1 was deleted in order to be consistent with the concept that the criteria is for identifying when a Preliminary Disturbance Report is to be prepared within 24 hours. The revised conversion documents for these standards were sent to the OWG members for the continuation of the review within their organizations. Comments are due back by November 28. The plan is to recommend these standards to the ARC on December 2 with the goal to include these standards in the April 2009 rules cycle.
2. The OWG assessed the applicability and general content of the following standards. The AESO will draft the wording for the Alberta reliability standards based on these US reliability standards and review it with the OWG.
  - PRC-009-0 Analysis and Documentation of Underfrequency Load Shedding  
<http://www.nerc.com/files/PRC-009-0.pdf>
  - PRC-010-0 Technical Assessment of the Design and Effectiveness of Undervoltage Load Shedding Program  
<http://www.nerc.com/files/PRC-010-0.pdf>
  - PRC-021-1 Under-Voltage Load Shedding Program Data  
<http://www.nerc.com/files/PRC-021-1.pdf>
  - PRC-022-1 Under-Voltage Load Shedding Program Performance  
<http://www.nerc.com/files/PRC-022-1.pdf>
3. The OWG did not complete the initial review of the following standards and will plan to continue with the review of these standards at the next meeting.
  - PRC-015-0 Special Protection System Data and Documentation  
<http://www.nerc.com/files/PRC-015-0.pdf>

- PRC-016-0 Special Protection System Misoperations  
<http://www.nerc.com/files/PRC-016-0.pdf>
4. Action item for the OWG chair to provide the proposed project plan to the OWG members.
  5. Reviewed NERC Standards posted for comment - Real Time Operations - TOP-001 to 004, ([http://www.nerc.com/filez/standards/Real-time\\_Operations\\_Project\\_2007-03.html](http://www.nerc.com/filez/standards/Real-time_Operations_Project_2007-03.html)) with the OWG. There was discussion about the purpose and method for reviewing NERC projects with the OWG. The AESO will consider the input from the OWG and propose what may be appropriate for the work group to consider for the review of these projects.

The following is the schedule for upcoming ARC OWG meetings:

Meeting Date	Location
Wednesday, February 18, 2009 (9:00 am to 3:00 pm)	AltaLink Office

The following is the proposed agenda for the meeting on February 18, 2009:

1. Review outcomes from the previous meeting.
2. Review the proposed OWG project plan for 2009.
3. AESO to propose what may be appropriate for the OWG to consider for the review of NERC Standards projects.
4. The AESO plans on submitting the drafts of the following standards for review within the organizations of the OWG members. The OWG will review comments received on these standards and prepare recommendations for the ARC:
  - EOP-002-2 Capacity and Energy Emergencies  
<http://www.nerc.com/files/EOP-002-2.pdf>
  - PRC-009-0 Analysis and Documentation of Underfrequency Load Shedding  
<http://www.nerc.com/files/PRC-009-0.pdf>
  - PRC-010-0 Technical Assessment of the Design and Effectiveness of Undervoltage Load Shedding Program  
<http://www.nerc.com/files/PRC-010-0.pdf>
  - PRC-021-1 Under-Voltage Load Shedding Program Data  
<http://www.nerc.com/files/PRC-021-1.pdf>
  - PRC-022-1 Under-Voltage Load Shedding Program Performance  
<http://www.nerc.com/files/PRC-022-1.pdf>

- FAC-013-1 Establish and Communicate Transfer Capabilities<sup>1</sup>  
<http://www.nerc.com/files/FAC-013-1.pdf>
5. In accordance with the project plan, assess the following reliability standards for application in Alberta. These standards are planned to be recommended at the June ARC meeting:
- PRC-016-0 Special Protection System Misoperations  
<http://www.nerc.com/files/PRC-016-0.pdf>
  - IRO-006-WECC-1 Qualified Transfer Path Unscheduled Flow Relief  
<http://www.wecc.biz/documents/library/Standards/IRO-006-WECC-5-29-08.pdf>
  - PRC-003-1 Regional Procedure for Analysis of Misoperations of Transmission and Generation Protection Systems  
<http://www.nerc.com/files/PRC-003-1.pdf>
  - TOP-007-WECC-1 System Operating Limits  
[http://www.wecc.biz/documents/library/Standards/TOP-007-WECC-1\\_5-28-08.pdf](http://www.wecc.biz/documents/library/Standards/TOP-007-WECC-1_5-28-08.pdf)
  - NUC-001-1 Nuclear Plant Interface Coordination  
<http://www.nerc.com/files/NUC-001-1.pdf>
6. Note: The OWG previously assessed the following standard for applicability in Alberta. The AESO will develop a first draft of the Alberta reliability standard. This standard is planned to be recommended at the June ARC meeting.
- EOP-001-0 Emergency Operations Planning  
<http://www.nerc.com/files/EOP-001-0.pdf>

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

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

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<sup>1</sup> This standard was previously reviewed by the OWG, however rework is required to develop specific requirements and measures. This standard is also to be reviewed by the Transmission Planning Work Group.