

AESO Reliability Committee (ARC) Operations Work Group Standard Review Meeting

Agenda for October 21, 2009

Chair: Jerry Mossing

Alternate Chair: Doug Hincks

The following are the outcomes from the Operations Work Group (OWG) meeting on June 8, 2009:

1. The work plan and schedules for the review of all the standards assigned to the OWG was reviewed with the OWG members.
2. The OWG addressed the following standards that were submitted for review within the organizations of the OWG members. The OWG members agreed that these standards be recommended to the ARC for consideration in the October 2009 cycle:
 - EOP-001-0 Emergency Operations Planning
<http://www.nerc.com/files/EOP-001-0.pdf>
 - IRO-006-4 Reliability Coordination Transmission Loading Relief
<http://www.nerc.com/files/IRO-006-4.pdf>
 - IRO-006-WECC-1 – Qualified Transfer Path Unscheduled Flow Relief
<http://www.nerc.com/files/IRO-006-WECC-1.pdf>
 - NUC-001-1 Nuclear Plant Interface Coordination
<http://www.nerc.com/files/NUC-001-1.pdf>
 - PRC-015-0 — Special Protection System Data and Documentation (Joint effort with TPWG/OWG)
<http://www.nerc.com/files/PRC-015-0.pdf>
 - PRC-016-0.1 Special Protection System Misoperations
http://www.nerc.com/files/PRC-016-0_1.pdf
 - TOP-007-WECC-1 – System Operating Limits
<http://www.nerc.com/files/TOP-007-WECC-1.pdf>
 - PRC-001-1 System Protection Coordination (Joint effort with TWG)
<http://www.nerc.com/files/PRC-001-1.pdf>
 - PRC-004-1 Analysis and Mitigation of Transmission and Generation Protection System Misoperations (Joint effort with TWG)
<http://www.nerc.com/files/PRC-004-1.pdf>

- PRC-004-WECC-1 – Protection System and Remedial Action Scheme Misoperation (Joint effort with TWG)
<http://www.nerc.com/files/PRC-004-WECC-1.pdf>
3. The OWG members assessed the applicability and general content of the following standards. The AESO will draft the Alberta reliability standards based on the comments received from the OWG members. These standards will then be submitted for review within the organizations of the work group members and are targeted to be included in the January 2010 cycle.
- EOP-005-1 System Restoration Plans
<http://www.nerc.com/files/EOP-005-1.pdf>
 - EOP-008-0 Plans for Loss of Control Center Functionality
<http://www.nerc.com/files/EOP-008-0.pdf>
 - EOP-009-0 Documentation of Blackstart Generating Unit Test Results
<http://www.nerc.com/files/EOP-009-0.pdf>
 - IRO-001-1.1 Reliability Coordination Responsibilities and Authorities
http://www.nerc.com/files/IRO-001-1_1.pdf
 - VAR-001-1a Voltage and Reactive Control
<http://www.nerc.com/files/VAR-001-1a.pdf>
 - VAR-002-1.1a Generator Operation for Maintaining Network Voltage Schedules
http://www.nerc.com/files/VAR-002-1_1a.pdf
 - VAR-002-WECC-1 Automatic Voltage Regulators
<http://www.nerc.com/files/VAR-002-WECC-1.pdf>
 - VAR-501-WECC-1 Power System Stabilizer
<http://www.nerc.com/files/VAR-501-WECC-1.pdf>

The following is the schedule for upcoming ARC OWG meetings:

Meeting Date	Location
Wednesday, October 21, 2009 (9:00 am to 3:00 pm)	AESO Office

The following is the proposed agenda for the meeting on October 21, 2009:

1. Review outcomes from the previous meeting.
2. Review the proposed OWG project work plan.
3. The OWG will review comments received from the organizations of the OWG members on the standards listed in item 3 of the outcomes from the last meeting and prepare recommendations for the ARC meeting on November 16, 2009.

4. In accordance with the OWG project work plan, assess the following reliability standards for application in Alberta that are in the work plan for the April 2010 cycle:

- MOD-001-1 — Available Transmission System Capability
<http://www.nerc.com/files/MOD-009-0.pdf>
- MOD-010-0 Steady-State Data for Transmission System Modeling and Simulation
<http://www.nerc.com/files/MOD-010-0.pdf>
- MOD-011-0 Regional Steady-State Data Requirements and Reporting Procedures
<http://www.nerc.com/files/MOD-011-0.pdf>
- MOD-012-0 Dynamics Data for Transmission System Modeling and Simulation
<http://www.nerc.com/files/MOD-012-0.pdf>
- MOD-024-1 Verification of Generator Gross and Net Real Power Capability
<http://www.nerc.com/files/MOD-024-1.pdf>
- MOD-025-1 Verification of Generator Gross and Net Reactive Power Capability
<http://www.nerc.com/files/MOD-025-1.pdf>
- MOD-028-1 Area Interchange Methodology
<http://www.nerc.com/files/MOD-028-1.pdf>
- MOD-029-1 Rated System Path Methodology
<http://www.nerc.com/files/MOD-029-1.pdf>
- MOD-030-1 Flowgate Methodology
<http://www.nerc.com/files/MOD-030-1.pdf>
- TOP-008-1 Response to Transmission Limit Violations
<http://www.nerc.com/files/TOP-008-1.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 betty.dang@aeso.ca by one week prior to the meeting.