

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

**Next Meeting
June 7, 2010
9:00am – 5:00pm
AESO Office**

Chair: Doug Hincks
Alternate Chair: Neil Curtis

Outcomes from the OWG Meeting on April 19, 2010

1. Reviewed the Alberta reliability standards project work plan.
2. Assessed the following reliability standards as not applicable in Alberta and agreed to make this recommendation to the ARC:
 - MOD-011-0 – Telecommunications (OWG)
<http://www.nerc.com/files/MOD-011-0.pdf>
 - MOD-028-1 – Area Interchange Methodology (OWG)
<http://www.nerc.com/files/MOD-028-1.pdf>
 - MOD-030-1 – Flowgate Methodology (OWG)
<http://www.nerc.com/files/MOD-030-1.pdf>
 - IRO-004-2 – Reliability Coordination – Operations Planning (OWG)
<http://www.nerc.com/files/IRO-004-2.pdf>
 - PER-002-AB-0 – Operating Personnel Training (OWG)
<http://www.nerc.com/files/PER-002-0.pdf>
3. NERC reliability standard IRO-006-4.1 – Reliability Coordination – Transmission Loading Relief (<http://www.nerc.com/files/IRO-006-4.1.pdf>) was withdrawn from the reliability standards development project as the previous version of this reliability standard was rejected by the Commission for adoption as an Alberta reliability standard. New versions of reliability standards that have already been assessed in the reliability standards development project will be reviewed after the completion of this project.
4. The OWG addressed the following reliability standards that were submitted for review within the organizations of the OWG members. The OWG members agreed that these reliability standards can be recommended to the ARC after the ISO gives further consideration to some of the comments received.

Subsequently, some revisions were made and these reliability standards were recommended to the ARC and were also sent to the OWG members¹, the links provided below are to the corresponding NERC reliability standards:

- MOD-010&012-AB-0 – Steady-State and Dynamic Data for Transmission System Modeling and Simulation (OWG)
<http://www.nerc.com/files/MOD-010-0.pdf>
<http://www.nerc.com/files/MOD-012-0.pdf>
- PRC-007-AB-0 – Assuring Consistency with Regional UFLS Program Requirements (OWG and TWG)
<http://www.nerc.com/files/PRC-007-0.pdf>
- PRC-008-AB-0 – Underfrequency Load Shedding Equipment Maintenance Programs (OWG and TWG)
<http://www.nerc.com/files/PRC-008-0.pdf>
- PER-003-AB-0 – Operating Personnel Credentials (OWG)
<http://www.nerc.com/files/PER-003-0.pdf>
- PER-005-AB-1 – System Personnel Training (OWG)
<http://www.nerc.com/files/PER-005-1.pdf>
- COM-001-AB-1.1 – Telecommunications (OWG)
http://www.nerc.com/files/COM-001-1_1.pdf
- COM-002-AB-2 – Communications and Coordination (OWG)
<http://www.nerc.com/files/COM-002-2.pdf>
- IRO-005-AB-3 – Reliability Coordination — Current Day Operations (OWG)
<http://www.nerc.com/files/IRO-005-3.pdf>

5. The OWG did not have time at this meeting to review the following reliability standards as part of item 4, consequently these reliability standards will be carried over for review at the OWG meeting on June 7, 2010:

- MOD-024-AB-0 – Verification of Generator Gross and Net Real Power Capability (OWG)
<http://www.nerc.com/files/MOD-024-1.pdf>
- MOD-025-AB-0 – Verification of Generator Gross and Net Reactive Power Capability (OWG)
<http://www.nerc.com/files/MOD-025-1.pdf>

Schedule for upcoming OWG meetings

Meeting Date	Location
June 7, 2010 9:00am – 5:00pm	AESO Office

¹ To see the recommended Alberta reliability standards, please refer either to the ARC meeting agenda sent to the ARC members on April 30, 2010 or the one sent to the OWG members on May 3, 2010.

Proposed Agenda for the OWG Meeting on June 7, 2010

1. Review outcomes from the previous meeting.
2. Review the Alberta reliability standards project work plan.
3. Review the assessment that the following NERC reliability standard is not applicable in Alberta and consider this recommendation be made to the ARC:
 - FAC-011-2 System Operating Limits Methodology for the Operations Horizon (OWG)
http://www.nerc.com/files/FAC-011_2.pdf
4. The AESO recommends deferring the review of FAC-012-1 and FAC-013-1 as FERC has declined to approve FAC-012-1. The following SAR from NERC, http://www.nerc.com/docs/standards/sar/2010-10_SAR_FAC_Order-729_approved_2010March15.pdf, proposes to retire FAC-012-1 and modify FAC-013-1.
 - FAC-012-1 – Transfer Capability Methodology (OWG)
<http://www.nerc.com/files/FAC-012-1.pdf>
 - FAC-013-1 – Establish and Communicate Transfer Capabilities (OWG and TPWG)
<http://www.nerc.com/files/FAC-013-1.pdf>
5. Review revisions made to the following reliability standards based on comments received from the OWG members, address outstanding comments and issues and consider these reliability standards for recommendation to the ARC. **Only the first three reliability standards listed below contain requirements that apply to Alberta market participants and the rest only apply to the ISO.**
 - MOD-024-AB-0 – Verification of Generator Gross and Net Real Power Capability (OWG)²
<http://www.nerc.com/files/MOD-024-1.pdf>
 - MOD-025-AB-0 – Verification of Generator Gross and Net Reactive Power Capability (OWG)³
<http://www.nerc.com/files/MOD-025-1.pdf>
 - BAL-005-0.1b – Automatic Generation Control (OWG)⁴
http://www.nerc.com/files/BAL-005-0_1b.pdf
 - FAC-010-2 – System Operating Limits Methodology for the Planning Horizon (OWG and TPWG)⁵
http://www.nerc.com/files/FAC-010_2.pdf

² Carried over from the April 19, 2010 OWG meeting.

³ Carried over from the April 19, 2010 OWG meeting.

⁴ To see the recommended Alberta reliability standards, please refer to the memo sent to the OWG members on May 7, 2010.

⁵ The draft Alberta reliability standard will be sent to the OWG members when it is prepared.

- FAC-014-2 – Establish and Communicate System Operating Limits (OWG)⁶
<http://www.nerc.com/files/FAC-014-2.pdf>
- MOD-001-AB-1 – Documentation of Total Transfer Capability and Available Transfer Capability Calculation Methodologies (OWG)⁷
<http://www.nerc.com/files/MOD-001-0.pdf>
- MOD-029-AB-1 – System Rated Path Methodology (OWG)⁸
<http://www.nerc.com/files/MOD-029-1.pdf>

Please bring paper copies of the reliability 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 at your earliest convenience.

⁶ The draft Alberta reliability standard will be sent to the OWG members when it is prepared.

⁷ To see the recommended Alberta reliability standards, please refer to the memo sent to the OWG members on May 7, 2010.

⁸ To see the recommended Alberta reliability standards, please refer to the memo sent to the OWG members on May 7, 2010.