

AESO Reliability Committee (ARC) Transmission Planning Work Group Meetings

Chair: Jeff Billinton
Alternate Chair: Neil Brausen

The ARC Transmission Planning Work Group (TPWG) 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 TPWG. Follow this link and refer to Appendix E in the draft of the [ARC Working Group Terms of Reference](#) for a list of reliability standards assigned to the TPWG that include reliability standards from the following categories:

- Transmission Planning (TPL),
- Facilities Design, Connections, and Maintenance (FAC)

The following are the outcomes from the TPWG meeting on June 20, 2008:

- The TPWG made assessments on the applicability of requirements and measures and defining them as necessary for:
 - TPL-001-0 System Performance Under Normal Conditions
 - TPL-002-0 System Performance Following Loss of a Single Bulk Electric System
 - TPL-003-0 System Performance Following Loss of Two or More Bulk Electric System Elements (Category C).
 - TPL-004-0 System Performance Following Extreme BES Events

The AESO will prepare the assessment documents and send them for review within the organizations of the TPWG members.

- FAC-002-0 Coordination of Plans for New Facilities will be added to the list of standards to be reviewed by the TPWG, this standard is also being reviewed by the Technical Working Group (TWG).

The following is the schedule for upcoming ARC TPWG meetings:

Meeting Date	Location
Wednesday, September 10, 2008 (9:00 am to 3:00 pm)	AESO Office
Tuesday, October 7, 2008 (9:00 am to 3:00 pm)	AESO Office

The following is the proposed agenda for the TPWG meeting on September 10, 2008:

1. Review outcomes from the last TPWG meeting.
2. Review comments received from the review of TPL-001-0, TPL-002-0, TPL-003-0 and TPL-004-0 by the organizations of the TPWG members and from the AESO Compliance group and decide if these standard assessments are ready to be recommended to the ARC for application in Alberta.

Make assessments on the requirements and measures and defining them as necessary for “FAC-002 Coordination of Plans for New Facilities” for applicability in Alberta. This standard will be jointly reviewed with the Technical Work Group (TWG), refer to the standard at the following link:

<http://www.nerc.com/files/FAC-002-0.pdf>

Note: The TWG has done an initial assessment of this standard, however it needs to be reviewed with the assigned re-work from the ARC to develop specific measures and requirements.

3. Make assessments on the requirements and measures and defining them as necessary in FAC-010-1 System Operating Limits Methodology for the Planning Horizon¹ for applicability in Alberta, refer to the standard at the following link:

http://www.nerc.com/files/FAC-010_2.pdf

The standard assessment made by the TPWG will be sent to the Operations Work Group for their review.

4. Make assessments on the requirements and measures and defining them as necessary in FAC-013-1 Establish and Communicate Transfer Capabilities² for applicability in Alberta, refer to the standard at the following link:

<http://www.nerc.com/files/FAC-013-1.pdf>

Note: The OWG has done an initial assessment of this standard, however it needs to be reviewed with the assigned re-work from the ARC to develop specific measures and requirements.

5. Make assessments on the requirements and measures and defining them as necessary in FAC-014-1 Establish and Communicate System Operating Limits³ for applicability in Alberta, refer to the standard at the following link:

<http://www.nerc.com/files/FAC-014-1.pdf>

Note: The OWG has done an initial assessment of this standard, however it needs to be reviewed with the assigned re-work from the ARC to develop specific measures and requirements.

¹ This standard will be reviewed jointly by the Operations and Transmission Planning Work Groups

² This standard will be reviewed jointly by the Operations and Transmission Planning Work Groups

³ This standard will be reviewed jointly by the Operations and Transmission Planning Work Groups

Assessments of the following standards will occur at future meetings:

- TPL-005-0 Regional and Interregional Self-Assessment Reliability Reports⁴
ftp://www.nerc.com/pub/sys/all_updl/standards/rs/TPL-005-0.pdf
- TPL-006-0 Assessment Data from Regional Reliability Organizations⁵
ftp://www.nerc.com/pub/sys/all_updl/standards/rs/TPL-006-0.pdf
- FAC-012-1 Transfer Capability Methodology^{6,7}
ftp://www.nerc.com/pub/sys/all_updl/standards/rs/FAC-012-1.pdf

If you are planning on attending the work group meeting on September 10 and you did not receive an electronic meeting invitation, then please RSVP to allison.mathews@aeso.ca by September 5.

⁴ This standard is NERC BOT approved, but has not been approved by FERC

⁵ This standard is NERC BOT approved, but has not been approved by FERC

⁶ This standard is NERC BOT approved, but has not been approved by FERC

⁷ This standard will be reviewed jointly by the Operations Work Group and the Transmission Planning Work Group