



## Activities Related to NERC/WECC Reliability Standards Report for August 2008

Click on a Standard Activity to get information on recent developments.

Developer	Standard Activities	Name/Description	Purpose	Status	Due Date
NERC	<a href="#">MOD-001-1</a> <a href="#">008-1</a> <a href="#">028-1</a> <a href="#">029-1</a> <a href="#">030-1</a>	ATC/TTC and CBM/TRM	Revised Standard - SAR	Ballot Period Ended	Aug. 21, 2008
NERC	<a href="#">MOD-004-1</a>	Capacity Benefit Margin	Revised Standard - SAR	Pre-ballot Review	Sept. 11, 2008
NERC	<a href="#">MOD-030-1</a>	Flowgate Methodology	Draft SAR Version 1	Posted for Comment	Sept. 24, 2008
NERC	<a href="#">INT-005-3</a> <a href="#">INT-006-3</a> <a href="#">INT-008-3</a>	Coordinate Interchange Timing Tables	Urgent Action SAR Draft 3	Pre-ballot Review	Sept. 11, 2008
NERC	<a href="#">EOP-001-0</a>	Emergency Operations Planning	Request for Interpretation	Recirculation Ballot Pending	
NERC	<a href="#">EOP-002-2</a>	Capacity and Energy Emergencies	Request for Interpretation	Pre-ballot Review	Sept. 19, 2008
NERC	<a href="#">IRO-008-1</a> <a href="#">IRO-009-1</a> <a href="#">IRO-010-1</a>	Operate Within Interconnection Reliability Operating Limits	9 <sup>th</sup> Draft Proposed Standards	Ballot Period Ended	Aug. 21, 2008
NERC	<a href="#">PER-005-1</a>	System Personnel Training	4 <sup>th</sup> Draft Proposed Standard	Comment Period Ended	NERC SDT response to comments pending
NERC	<a href="#">Various Standards</a>	Errata	Correct Minor Errors	Comment Period Ended	July 31, 2008
NERC	<a href="#">All INT Standards</a>	Coordinate Interchange Standards	Draft SAR Version 1	Comment Period Ended	July 31, 2008
NERC	<a href="#">PRC-006-0</a> <a href="#">PRC-007-0</a> <a href="#">PRC-009-0</a>	Underfrequency Load Shedding	Draft Set of Characteristics	Comment Period Ended	Aug. 15, 2008
NERC	<a href="#">FAC-008-2</a>	Facility Ratings Methodology	Revised Standard Draft 3	Posted for Comment	Aug. 26, 2008
NERC	<a href="#">VAR-002- 1a</a>	Voltage and Reactive Control	Request for Interpretation	Pre-ballot Review	Sept. 9, 2008
NERC	<a href="#">Multiple Standards</a>	Reliability Coordination	Revised Standards Draft 1	Posted for Comment	Sept. 16, 2008
NERC	<a href="#">FAC-011-2</a>	Credible Multiple Element Contingencies	SAR Version 2	Posted for Comment	Sept. 10, 2008
NERC	<a href="#">TPL-001-1</a>	Transmission System Planning Performance Requirements	Revised Standard Draft 2	Posted for Comment	Sept. 29, 2008

NERC Standards Development page is on-line at:

[http://www.nerc.com/filez/standards/Reliability\\_Standards\\_Under\\_Development.html](http://www.nerc.com/filez/standards/Reliability_Standards_Under_Development.html)

WECC Standards Development page is on-line at:

<http://www.wecc.biz/index.php?module=pnForum&func=viewforum&forum=1>

## NERC Reliability Standards

### **MOD-001-1, 008-1, 028-1, 029-1 & 030-1 - ATC/TTC and CBM/TRM**

Purpose:

SAR to revise the standards.

Current Standard:

MOD-001 — Available Transfer Capability — An “umbrella” standard requires the selection of a methodology, the updating of values, and the sharing of procedures and data.

MOD-008 — Transmission Reliability Margin — A standard that describes the calculation and use of TRM.

MOD-029 — Rated System Path Methodology — A standard that describes the calculation of TTC and ATC, as performed primarily in the Western Interconnection.

MOD-028 and 030 are methodologies not used in the WECC.

Proposed Standard:

This set of standards is aimed at ensuring the consistent and transparent calculation, verification, and use of CBM, TRM, TTC, AFC, and ATC. The standards have been revised based on stakeholder comments, coordination with NAESB, and the directives in the FERC Orders 693 and 890.

Applicability:

Transmission Service Provider, Transmission Operator, Load-Serving Entity, Planned Resource Sharing Group, Balancing Authority, Transmission Planners.

Current Status:

The ballot period ended August 21, 2008 with all 5 standards being approved by the NERC ballot pool. The AESO cast Affirmative ballots for MOD-001, 008 & 029 and Abstain ballots for MOD-028 and 030.

NERC Link:

<http://www.nerc.com/filez/standards/MOD-V0-Revision.html>

### **MOD-004-1 – Capacity Benefit Margin**

Purpose:

SAR to revise the standard.

Current Standard:

MOD-004 — Capacity Benefit Margin — A standard that describes the requesting, calculation, and use of CBM.

Proposed Standard:

This standard addresses the reliability aspects of determining and maintaining a Capacity Benefit Margin and the conditions under which that margin may be used.

The ballot for this standard includes the retirement of the following associated approved standards:

- MOD-005-0 — Procedure for Verifying CBM Values
- MOD-006-0 — Procedures for the Use of Capacity Benefit Margin Values
- MOD-007-0 — Documentation of the Use of Capacity Benefit Margin

Applicability:

Load-Serving Entities, Resource Planners, Transmission Service Providers, Balancing Authorities, Transmission Planners

Current Status:

The standard is posted for pre-ballot review until Sept. 11, 2008, which will be followed by a 10 day ballot period.

NERC Link:

<http://www.nerc.com/filez/standards/MOD-V0-Revision.html>

**MOD-030-2 - Flowgate Methodology**

Purpose:

Draft SAR, Version 1, posted for comment.

Current Standard:

MOD-030-1 was recently approved by the NERC ballot pool.

Proposed Standard:

This new version of the standard was developed based on stakeholder comments submitted with the initial ballot of MOD-030-1 conducted July 21–30, 2008. The drafting team's responses to the comments submitted with the ballots for this standard are posted for stakeholder review. MOD-030-1 will continue through the recirculation ballot process at the same time this new version of the standard goes through the standards development process. As envisioned, the new version of MOD-030-2 will be approved by its ballot pool and filed for regulatory approval before MOD-030-1 becomes effective. Requirements 2 and 11 of MOD-030-1 will be modified.

Applicability:

Transmission Operator and Transmission Service Provider that use the Flowgate Methodology. The AESO does not use the Flowgate Methodology.

Current Status:

Posted for comment until Sept. 26, 2008. The AESO will not be commenting on this standard as it not used in our area.

NERC Link:

<http://www.nerc.com/filez/standards/MOD-V0-Revision.html>

**INT-005-3, 006-3 and 008-3 – Coordinate Interchange Timing Tables**

Purpose:

Urgent Action SAR posted for pre-ballot review.

Current Standard:

The Coordinate Interchange Timing Table Standard Drafting Team made additional modifications to the timing tables in response to stakeholder comments and made a minor clarification to INT-006-2, Requirement R1.

Proposed Standard:

An Urgent Action SAR to modify the Timing Table in three of the Coordinate Interchange standards (INT-005, INT-006, and INT-008) was approved by its ballot pool on March 30, 2007. The Urgent Action SAR modified the timing table so that the reliability assessment period for WECC was lengthened from 5 minutes to 10 minutes for e-tags submitted less than 1 hour and greater than 20 minutes prior to ramp start. Under the Reliability Standards Development Procedure, a change made to a standard with the Urgent Action process is not "permanent" — an urgent action change to a standard expires unless that change is vetted through the full standards development process.

The new SAR proposes to make the above changes to the timing table permanent, and also proposes to bring the timing table into alignment with the categories (On-time, Late, After-the-fact) used in the latest E-Tag Specification with respect to receipt of an Arranged Interchange.

**Applicability:**

Interchange Authority, Balancing Authority, Transmission Service Provider

**Current Status:**

The standards are posted for pre-ballot review until Sept. 11, 2008, which will be followed by a 10 day ballot period.

**NERC Link:**

[http://www.nerc.com/filez/standards/INT\\_Urgent\\_Action.html](http://www.nerc.com/filez/standards/INT_Urgent_Action.html)

**EOP-001-0 – Emergency Operations Planning**

**Purpose:**

Request for Interpretation.

**Standard:**

The Regional Entity Compliance Managers group submitted a Request for an Interpretation of EOP-001-0 — Emergency Operations Planning Requirement 1. Under Requirement 1, the Balancing Authority must have operating agreements with adjacent Balancing Authorities that contain provisions for emergency assistance, including emergency assistance from remote Balancing Authorities. The request asked for the following clarifications:

- Define the scope and time horizon associated with “emergency assistance.”
- Does “adjacent Balancing Authority” mean one or all adjacent Balancing Authorities?
- What is a “remote Balancing Authority?”
- Does a Balancing Authority participating in a Reserve Sharing Group under BAL-002-0 need additional operating agreements to be compliant with EOP-001-0 Requirement R1?

The Interpretation provides the following clarifications:

- Emergency assistance is emergency “energy” and would normally be arranged for during the current operating day. The agreement should describe the conditions under which the emergency energy will be delivered to the responsible Balancing Authority.
- An adjacent Balancing Authority is one that has AC tie lines with the responsible Balancing Authority and the standard does not require agreements with all adjacent Balancing Authorities.
- A remote Balancing Authority is a Balancing Authority other than an adjacent Balancing Authority and the responsible Balancing Authority is not required to have arrangements in place to obtain emergency energy assistance with all remote Balancing Authorities.
- A Balancing Authority that is compliant with BAL-002-0 — Disturbance Control Performance Requirement 2 through participation in a Reserve Sharing Group Agreement, is not required to establish additional operating agreements for EOP-001-0 Requirement 1.

**Applicability:**

Balancing Authorities, Transmission Operators

**Current Status:**

The initial Ballot Period ended June 30, 2008. There were negative votes with comments. NERC will address the comments, then the interpretation will be posted for a recirculation ballot.

**NERC Link:**

[http://www.nerc.com/filez/standards/EOP-001-0\\_Interpretation\\_RECM.html](http://www.nerc.com/filez/standards/EOP-001-0_Interpretation_RECM.html)

## **EOP-002-2– Capacity and Energy Emergencies**

Purpose:

Request for Interpretation.

Standard:

Brookfield Power submitted a Request for an Interpretation of EOP-002-2 — Capacity and Energy Emergencies. The request asked for clarification about the treatment of export transactions during emergency operations.

The request for interpretation asked if, to assist in complying with Control Performance and Disturbance Control Standards, Requirement R6.3 requires curtailment of non-firm exports when interruptible load is curtailed while R7.1 requires curtailment of firm exports when firm load is curtailed.

The revised interpretation clarifies that when considering actions to be taken to comply with EOP-002-2 Requirement R6.3, it is intended that all exports, firm and non-firm, are available for curtailment with the exception of those exports designated as network resources for an external Balancing Authority. If a capacity or energy emergency still exists after all exports have been curtailed with the exception of those related to a network resource designated to an external Balancing Authority, then EOP-002-2 Requirement R7.1 would take effect and firm load would be shed while the designated network resource transaction would continue to flow.

Applicability:

Balancing Authorities, Reliability Coordinators, Load-Serving Entities

Current Status:

The revised interpretation is posted for pre-ballot review until Sept. 19, 2008, which will be followed by a 10 day ballot period.

NERC Link:

[http://www.nerc.com/filez/standards/EOP-002-2\\_Interpretation\\_Brookfield\\_Power\\_2008-07.html](http://www.nerc.com/filez/standards/EOP-002-2_Interpretation_Brookfield_Power_2008-07.html)

## **IRO-008-1 - Reliability Coordinator Operational Analyses and Real-time Assessments**

## **IRO-009-1 - Reliability Coordinator Actions to Operate Within IROLs**

## **IRO-010-1 - Reliability Coordinator Data Specification and Collection**

Purpose:

Version 1 Standards, Draft 9. The purpose of these standards is to prevent instability, uncontrolled separation or cascading outages that adversely impact the reliability of the bulk transmission system.

Current Standards:

These three standards are new standards, not revisions to Version 0 standards. These standards do, however address some of the same topics as addressed in some of the Version 0 standards.

The ballot for each of the IROL standards includes the retirement of associated requirements from some already approved standards and effective dates identified in this implementation plan. The effected Standards are EOP-001, IRO-002, IRO-004, IRO-005, TOP-003, TOP-005 and TOP-006.

Proposed Standards:

The drafting team has made some modifications to standards IRO-008-1 through IRO-010-1 to bring them into conformance with the latest version of the ERO Rules of Procedure and has posted draft 9 and the associated implementation plan for a 30-day comment period.

The purpose of these standards is to prevent instability, uncontrolled separation or cascading outages that adversely impact the reliability of the bulk transmission system.

Applicability:

Reliability Coordinator, Balancing Authority, Generator Owner, Generator Operator, Interchange Authority, Load-Serving Entity, Transmission Operator, Transmission Owner.

Current Status:

The ballot period ended August 21, 2008 with all 3 standards being approved by the NERC ballot pool. The AESO cast Affirmative ballots for IRO-008 and 009 and a Negative ballot for IRO-010 due to concerns with confidential data.

NERC Link:

<http://www.nerc.com/filez/standards/IROL.html>

**PER-005-1 – System Personnel Training**

Purpose:

4<sup>th</sup> Draft of Proposed Standard posted for comment.

Current Standard:

PER-005-1 will replace PER-002-0 and parts of PER-004-1.

Proposed Standard:

A training standard is required to set the minimum acceptable requirements for the development, implementation and maintenance of initial and continuing System Personnel Training programs. This standard is needed to help insure that system personnel throughout the industry are provided with an adequate amount of training in order to promote the reliability and adequacy of the North American Interconnections and their bulk electrical systems.

Applicability:

Reliability Coordinator, Balancing Authority and Transmission Operator.

Current Status:

Comment period ended July 17, 2008. The AESO did not submit comments on its own, but did sign on to the comments submitted by the ISO/RTO Council. All comments can be seen at the link below. The Standards Drafting Team will assess the comments and decide how to proceed.

NERC Link:

<http://www.nerc.com/filez/standards/System-Personnel-Training.html>

**Errata – Various Standards**

Purpose:

There are several approved NERC Reliability Standards that contain errors that, if corrected, do not change the scope or intent of the associated approved standard.

Current Standard:

Various standards with minor errors.

Proposed Standard:

The proposed changes do not have a material impact on the end users of the standard. These errors identify discrepancies identified after the standards were submitted for regulatory approval. The errors have been preliminarily classified as errata. NERC is posting the errata for a 30-day comment period to provide stakeholders an opportunity to identify any material impacts associated with the errata that staff may have missed.

Applicability:

All NERC defined entities.

Current Status:

Comment period ended July 31, 2008. The AESO believes the changes are minor and will not change the scope or intent of the standards, so we will not be submitting comments to NERC.

NERC Link:

[http://www.nerc.com/filez/standards/Standards\\_Errata.html](http://www.nerc.com/filez/standards/Standards_Errata.html)

### **INT Standards - Coordinate Interchange**

Purpose:

Draft SAR, Version 1, posted for comment.

Current Standards:

There is confusion regarding the Interchange Authority “function.” The need for improved clarity became apparent when entities were recently asked to register in the Compliance Registry as “Interchange Authorities” and entities had difficulty determining which entities were performing the Interchange Authority tasks identified in the set of Coordinate Interchange standards. The Interchange Authority activities in the Coordinate Interchange standards are performed by software systems and not a responsible entity. The software, not a functional entity, performs the task of accepting and disseminating interchange data between entities.

The Coordinate Interchange standards dealing with the Interchange Authority and the current Functional Model representations of the Interchange Authority do not reflect technological advances made since the Functional Model working group originally defined the Interchange Authority and advances made since the Coordinate Interchange standards were written.

Proposed Standards:

The modifications in the set of Coordinate Interchange Standards should address the following:

- Determine if the activities in the Coordinate Interchange standards correctly identify the responsible entity.
- Consider requiring the Sink Balancing Authority responsibility for Interchange Authority functions, using an interchange transaction tool process as defined in the latest approved version of the e-Tag Specifications.
- The existing requirements are tool-neutral — consider adding specific references to the e-Tagging process in the requirements
- Consider adding a requirement to have backup capability for use when the interchange transaction tool fails.
- Consider combining requirements into a fewer number of standards so that the resultant set of requirements follows a chronological sequence that is easier to follow.
- Address the directives issued by FERC in Order 693, and the stakeholder comments from the V0 drafting team and the Violation Risk Factors Drafting Team.
- Determine if there is industry-wide support for the Interchange Subcommittee’s Principles and definition supporting dynamic transfers and pseudo-ties, and if there is support, modify the requirements and add definitions accordingly.

Applicability:

Purchase-Selling Entities, Balancing Authorities, Reliability Coordinators, Transmission Operators, Transmission Service Providers

Current Status:

Comment period ended July 31, 2008. The AESO did not comment on the SAR.

NERC Link:

[http://www.nerc.com/filez/standards/Project2008-12\\_Coordinate\\_Interchange\\_Stds\\_Modifications.html](http://www.nerc.com/filez/standards/Project2008-12_Coordinate_Interchange_Stds_Modifications.html)

### **PRC-006-0, PRC-007-0, PRC-009-0 - Underfrequency Load Shedding**

Purpose:

Initial draft of a set of characteristics for inclusion in regional underfrequency load shedding (UFLS) standards, posted for comment.

**Current Standards:**

The UFLS standards are continent wide and the Standard Drafting Team proposes that all UFLS requirements be contained within regional standards.

**Proposed Standards:**

The purpose of revising the 3 standards is to:

1. Provide an adequate level of reliability for the North American bulk power systems – ensure each of the standards are complete and the requirements are set at an appropriate level to ensure reliability.
2. Ensure they are enforceable as mandatory reliability standards with financial penalties - the applicability to bulk power system owners, operators, and users, and as appropriate particular classes of facilities, is clearly defined; the purpose, requirements, and measures are results-focused and unambiguous; the consequences of violating the requirements are clear.
3. Incorporate other general improvements described in NERC’s Reliability Standards Development Plan: 2007-2009 (summarized and outlined in the Reliability Standard Review Guidelines attached as Appendix A).
4. Consider the items mentioned in the Standard Review Forms (excerpted from NERC’s Reliability Standards Development Plan: 2007-2009) attached as Appendix B, prepared by the NERC staff, which attempt to capture comments from the:
  - FERC NOPR (Docket # RM06-16-00 dated October 20, 2006) ,
  - FERC staff report dated May 11, 2006 concerning NERC standards submitted with ERO application,
  - Version 0 standards development (see note 1), and
  - Regional Fill-in-the-Blank Team (RRSWG — a NERC working group involved with regional standards development).

The standard drafting team should also consider any other issues that were not completely captured but were stated or referenced in the above materials.

5. Consider issues raised by the industry during the posting of the SAR for Project 2007-01 during the first comment period from November 29, 2006 through January 12, 2007, attached as Appendix C
6. Satisfy the standards procedure requirement for five-year review of the standards.

**Applicability:**

Regional Reliability Organization, Transmission Owner, Transmission Operator, Distribution Provider, Load-Serving Entity

**Current Status:**

Comment period ended August 15, 2008. The AESO did not submit comments.

**NERC Link:**

[http://www.nerc.com/filez/standards/Underfrequency\\_Load\\_Shedding.html](http://www.nerc.com/filez/standards/Underfrequency_Load_Shedding.html)

**FAC-008-2 – Facility Ratings Methodology**

**Purpose:**

Draft 3 of the revised standard. The Facility Ratings standard is undergoing modifications to address the directives in FERC Order 693. The purpose of the standard is to ensure that Facility Ratings used in the reliable planning and operation of the Bulk Electric System are determined based on technically sound principles.

Current Standard:

There are two Facility Ratings standards, FAC-008-1 and FAC-009-1, being modified into one to address concerns raised by FERC and industry stakeholders.

Proposed Standard:

The revised standard will:

- Provide an adequate level of reliability for the North American bulk power systems - the standards are complete and the requirements are set at an appropriate level to ensure reliability.
- Ensure they are enforceable as mandatory reliability standards with financial penalties - the applicability to bulk power system owners, operators, and users, and as appropriate particular classes of facilities, is clearly defined; the purpose, requirements, and measures are results-focused and unambiguous; the consequences of violating the requirements are clear.
- Consider comments received during the initial development of the standards and other comments received from ERO regulatory authorities and stakeholders.
- Bring the standards into conformance with the latest version of the Reliability Standards Development Procedure and the ERO Rules of Procedure.
- Satisfy the standards procedure requirement for five-year review of the standards.

Applicability:

Transmission Owner, Generation Owner

Current Status:

Posted for comment until August 26, 2008.

NERC Link:

[http://www.nerc.com/filez/standards/Facility\\_Ratings\\_Project\\_2006-09.html](http://www.nerc.com/filez/standards/Facility_Ratings_Project_2006-09.html)

**VAR-002-1a -Voltage and Reactive Control**

Purpose:

Request for Interpretation

Standard:

The request asks:

Which requirements in VAR-002 apply to Generator Operators that operate generators that do not have automatic voltage regulation (AVR) capability?

Does the standard require a Generator Owner to acquire AVR devices to comply with the requirements in this standard?

The NERC response states that the standard does apply because there is an "out" whereby a generator operator informs the transmission operator that the generator does not have AVR. The full response can be viewed on line using the link below.

Applicability:

Transmission Operators and Purchase-Selling Entities

Current Status:

The NERC interpretation is posted for pre-ballot review until September 8, which will be followed by a 10 day ballot period.

NERC Link:

[http://www.nerc.com/filez/standards/Project2008-11\\_VAR-002\\_Interpretation.html](http://www.nerc.com/filez/standards/Project2008-11_VAR-002_Interpretation.html)

**COM-001-2, 002-3, PER-004-1, PRC-001-1,  
IRO-001-2, 002-2005-1 014-2, 015-1 & 016-1 – Reliability Coordination**

Purpose:

Draft 1 standards posted for comment.

Current Standards:

Most of the requirements in this set of standards were translated from Operating Policies as part of the Version 0 process. There have been suggestions for improving these requirements, and the drafting team will consider comments submitted by stakeholders, drafting teams and FERC in determining what changes should be proposed to stakeholders.

Proposed Standard:

The revisions are to ensure that the reliability-related requirements applicable to the Reliability Coordinator are clear, measurable, unique and enforceable; and to ensure that this set of requirements is sufficient to maintain reliability of the Bulk Electric System

The drafting team will review all of the requirements in the following set of standards:

COM-001 — Telecommunications

COM-002 — Communications and Coordination

IRO-001 — Reliability Coordination – Responsibilities and Authorities

IRO-002 — Reliability Coordination – Facilities

IRO-005 — Reliability Coordination – Current Day Operations

IRO-014 — Procedures to Support Coordination between Reliability Coordinators

IRO-015 — Notifications and Information Exchange Between Reliability Coordinators

IRO-016 — Coordination of Real-time Activities between Reliability Coordinators

PER-004 — Reliability Coordination – Staffing

PRC-001 — System Protection Coordination

For each existing requirement, the drafting team will work with stakeholders and:

- Eliminate redundancy in the requirements.
- Identify requirements that should be moved into other SARs
- Eliminate requirements that do not support bulk power system reliability
- Transfer requirements that need to be in place before an entity begins operation as an RC to certification.
- Improve clarity of, improve measurability of, and remove ambiguity from the requirement

Applicability:

Transmission Operators, Balancing Authorities, Reliability Coordinators, Distribution Providers, Generator Operators, Transmission Service Providers, Load-Serving Entities, Purchasing-Selling Entities

Current Status:

Posted for comment until September 16, 2008.

NERC Link:

[http://www.nerc.com/filez/standards/Reliability\\_Coordination\\_Project\\_2006-6.html](http://www.nerc.com/filez/standards/Reliability_Coordination_Project_2006-6.html)

**FAC-011-2 - Credible Multiple Element Contingencies**

Purpose:

Draft SAR, Version 2, posted for comment.

Current Standard:

FERC has requested that some terms used in the standard be further clarified.

Proposed Standard:

The SAR proposes revisions to FAC-011-2 that require consideration of applicable Contingency events that may result in the loss of multiple elements for determining the subset of SOLs that could be IROLs in the operating horizon and to include information received from the Planning Authority in the analysis.

Applicability:  
Reliability Coordinator

Current Status:  
Posted for comment until September 10, 2008.

NERC Link:  
[http://www.nerc.com/filez/standards/Facility\\_Ratings\\_Project\\_2008-05.html](http://www.nerc.com/filez/standards/Facility_Ratings_Project_2008-05.html)

### **TPL-001-1 - Transmission System Planning Performance Requirements**

Purpose:  
Revised Standard, version 2, posted for comment.

Current Standard:  
The current draft is the second iteration of the revision of existing standards TPL-001 through TPL-006 and includes one revised standard, TPL-001-1, replacing TPL-001-0, TPL-002-0, TPL-003-0 and TPL-004-0.

Proposed Standard:  
TPL-001-1 will establish a standard for assessing and planning the transmission systems in North America. The transmission system must be assessed and planned to ensure that it performs its intended functions in providing reliable delivery of power for the future needs of customers.

Applicability:  
Planning Coordinator, Transmission Planner Resource Planner, Distribution Provider, Transmission Owner, Generator Owner

Current Status:  
Posted for comment until September 29, 2008.

NERC Link:  
<http://www.nerc.com/filez/standards/Assess-Transmission-Future-Needs.html>

## **WECC Reliability Standards**

There are currently no WECC Standards under development posted for comment.

## **Reliability Standards Meetings and Conferences**

August 14 – Anita Lee and Mark Thompson attended the ISO/RTO Standards Review Committee (SRC) meeting in Banff, Alberta. The SRC holds bi-weekly conference calls and quarterly day-long meetings. Ed Skiba of the Midwest ISO updated the group on NAESB activities. All the current NERC standards posted for comment or review were discussed and the SRC will be submitting group approved comments on most of these standards.

August 19 – Anita Lee and Mark Thompson dialed into a NERC Webex conference call on the NERC Functional Model hosted by Stephen Crutchfield. The slides used for the Webex can be viewed at:  
[http://www.nerc.com/docs/oc/fmwg/FMWG\\_Presentation\\_Aug\\_Sept\\_2008\\_Workshops.pdf](http://www.nerc.com/docs/oc/fmwg/FMWG_Presentation_Aug_Sept_2008_Workshops.pdf).

## Comments/Questions

If you have any comments or questions about the Reliability Standards listed here or have a comment to submit to NERC or WECC on a Reliability Standard that you would like the AESO to consider, please contact either:

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