

February 1, 2008

Re: Pre-ballot Windows and Ballot Pools Open

The Standards Committee announces the following standards action:

Six Pre-ballot Windows and Ballot Pools for Project 2006-07 — ATC/TTC and CBM/TRM Open February 1, 2008

The standards listed below, related to the determination of Available Transfer Capability (ATC), Total Transfer Capability (TTC), Capacity Benefit Margin (CBM), and Transmission Reliability Margin (TRM), and an associated [implementation plan](#), have all been posted for a 30-day pre-ballot review.

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. NERC has a commitment to deliver these standards to FERC by May 9, 2008.

- [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-004](#) — Capacity Benefit Margin — A standard that describes the requesting, calculation, and use of CBM.
- [MOD-008](#) — Transmission Reliability Margin — A standard that describes the calculation and use of TRM.
- [MOD-028](#) — Area Interchange Methodology — A standard that describes the calculation of TTC and ATC, as performed primarily in the Eastern Interconnection.
- [MOD-029](#) — Rated System Path Methodology — A standard that describes the calculation of TTC and ATC, as performed primarily in the Western Interconnection.
- [MOD-030](#) — Flowgate Methodology — A standard that describes the calculation of TFC and AFC, as well as the conversion of those values to TTC and ATC.

Each standard has its own [ballot pool](#) and its own list server as shown in the following table.

ATC Ballot Pools	Ballot Pool List Server
ATC-TTC-CBM-MOD-001	bp-MOD-001_in@nerc.com
ATC-TTC-CBM-MOD-004	bp-MOD-004_in@nerc.com
ATC-TTC-CBM-MOD-008	bp-MOD-008_in@nerc.com
ATC-TTC-CBM-MOD-028	bp-MOD-028_in@nerc.com
ATC-TTC-CBM-MOD-029	bp-MOD-029_in@nerc.com
ATC-TTC-CBM-MOD-030	bp-MOD-030_in@nerc.com

During the 30-day, pre-ballot window, members of a ballot pool may communicate with one another by using their “ballot pool list server¹.” (Once the balloting begins, ballot pool members are prohibited from using the ballot pool list servers.) Any member of the Registered Ballot Body may join as many of these ballot pools as desired — a member wanting to ballot all of the ATC-related standards must join all six of the ballot pools. The ballot pools will remain open up until **8 a.m. (EST) Monday, March 3, 2008**.

Standards Development Process

The [Reliability Standards Development Procedure](#) contains all the procedures governing the standards development process. The success of the NERC standards development process depends on stakeholder participation. We extend our thanks to all those who participate. If you have any questions, please contact me at 813-468-5998 or maureen.long@nerc.net.

¹ For assistance in using a list server, contact Barbara Bogenrief at 609-452-8060.

List of Standards Associated with Each VSL Ballot:

Balancing Resources and Demand (BAL)

- BAL-001-0 — Real Power Balancing Control Performance
- BAL-002-0 — Disturbance Control Performance
- BAL-003-0 — Frequency Response and Bias
- BAL-004-0 — Time Error Correction
- BAL-005-0 — Automatic Generation Control
- BAL-006-1 — Inadvertent Interchange

Critical Infrastructure, Communications, Voltage and Reactive (CIP/COM/VAR)

- CIP-001-1 — Sabotage Reporting
- COM-001-1 — Telecommunications
- COM-002-2 — Communications and Coordination
- VAR-001-1 — Voltage and Reactive Control
- VAR-002-1 — Generator Operation for Maintaining Network Voltage Schedules

Emergency Operations (EOP)

- EOP-001-0 — Emergency Operations Planning
- EOP-002-2 — Capacity and Energy Emergencies
- EOP-003-1 — Load Shedding Plans
- EOP-004-1 — Disturbance Reporting
- EOP-005-1 — System Restoration Plans
- EOP-006-1 — Reliability Coordination - System Restoration
- EOP-008-0 — Plans for Loss of Control Center Functionality
- EOP-009-0 — Documentation of Blackstart Generating Unit Test Results

Facilities and Modeling (FAC/MOD)

- FAC-001-0 — Facility Connection Requirements
- FAC-002-0 — Coordination of Plans for New Facilities
- FAC-003-1 — Vegetation Management Program
- FAC-008-1 — Facility Ratings Methodology
- FAC-009-1 — Establish and Communicate Facility Ratings
- FAC-013-1 — Establish and Communicate Transfer Capabilities
- MOD-006-0 — Procedures for Use of CBM Values
- MOD-007-0 — Documentation of the Use of CBM
- MOD-010-0 — Steady-State Data for Transmission System Modeling and Simulation
- MOD-012-0 — Dynamics Data for Transmission System Modeling and Simulation
- MOD-016-1 — Documentation of Data Reporting Requirements for Actual and Forecast Demands, Net Energy for Load, and Controllable Demand-Side Management
- MOD-017-0 — Aggregated Actual and Forecast Demands and Net Energy for Load
- MOD-018-0 — Reports of Actual and Forecast Demand Data
- MOD-019-0 — Forecasts of Interruptible Demands and DCLM Data
- MOD-020-0 — Providing Interruptible Demands and DCLM Data
- MOD-021-0 — Accounting Methodology for Effects of Controllable DSM in Forecasts

Interchange, Personnel and Nuclear (INT/PER/NUC)

- INT-001-2 — Interchange Information
- INT-003-2 — Interchange Transaction Implementation
- INT-004-1 — Dynamic Interchange Transaction Modifications
- INT-005-1 — Interchange Authority Distributes Arranged Interchange
- INT-006-1 — Interchange Confirmation

INT-008-1 — Implementation of Interchange
INT-010-1 — Interchange Coordination Exemptions
PER-001-0 — Operating Personnel Responsibility and Authority
PER-002-0 — Operating Personnel Training
PER-003-0 — Operating Personnel Credentials
PER-004-1 — Reliability Coordination — Staffing
NUC-001-1 — Nuclear Plant Interface Coordination

Interconnected Reliability Operations (IRO)

IRO-001-1 — Reliability Coordination — Responsibilities and Authorities
IRO-002-1 — Reliability Coordination — Facilities
IRO-003-2 — Reliability Coordination — Wide-Area View
IRO-004-1 — Reliability Coordination — Operations Planning
IRO-005-1 — Reliability Coordination — Current-Day Operations
IRO-006-3 — Reliability Coordination — Transmission Loading Relief
IRO-014-1 — Procedures, Processes, Plans to Support Coordination Between Reliability Coordinators
IRO-015-1 — Notifications and Information Exchange Between Reliability Coordinators
IRO-016-1 — Coordination of Real-time Activities Between Reliability Coordinators

Protection and Control (PRC)

PRC-001-1 — System Protection Coordination
PRC-004-1 — Analysis and Mitigation of Trans and Generation Protection Sys Misoperations
PRC-005-1 — Transmission and Generation Protection System Maintenance and Testing
PRC-007-0 — Assuring Consistency with Regional UFLS Program Requirements
PRC-008-0 — Underfrequency Load Shedding Equipment Maintenance Programs
PRC-009-0 — UFLS Performance Following an Underfrequency Event
PRC-010-0 — Assessment of the Design and Effectiveness of UVLS Program
PRC-011-0 — UVLS System Maintenance and Testing
PRC-015-0 — Special Protection System Data and Documentation
PRC-016-0 — Special Protection System Misoperations
PRC-017-0 — Special Protection System Maintenance and Testing
PRC-018-1 — Disturbance Monitoring Equipment Installation and Data Reporting
PRC-021-1 — Under-Voltage Load Shedding Program Data
PRC-022-1 — Under-Voltage Load Shedding Program Performance

Transmission Operations (TOP)

TOP-001-1 — Reliability Responsibilities and Authorities
TOP-002-2 — Normal Operations Planning
TOP-003-0 — Planned Outage Coordination
TOP-004-1 — Transmission Operations
TOP-005-1 — Operational Reliability Information
TOP-006-1 — Monitoring System Conditions
TOP-007-0 — Reporting SOL and IROL Violations
TOP-008-1 — Response to Transmission Limit Violations

Transmission Planning (TPL)

TPL-001-0 — System Performance Under Normal Conditions
TPL-002-0 — System Performance Following Loss of a Single BES Element
TPL-003-0 — System Performance Following Loss of Two or More BES Elements
TPL-004-0 — System Performance Following Extreme BES Events