

NERC

NORTH AMERICAN ELECTRIC
RELIABILITY CORPORATION

TOP/IRO Standards Revisions

Project 2014-03 Update

David Souder, PJM Interconnection, Standard Drafting Team Chair
Industry Webinar
June 12, 2014

RELIABILITY | ACCOUNTABILITY



It is NERC's policy and practice to obey the antitrust laws to avoid all conduct that unreasonably restrains competition. This policy requires the avoidance of any conduct that violates, or that might appear to violate, the antitrust laws. Among other things, the antitrust laws forbid any agreement between or among competitors regarding prices, availability of service, product design, terms of sale, division of markets, allocation of customers or any other activity that unreasonably restrains competition.

It is the responsibility of every NERC participant and employee who may in any way affect NERC's compliance with the antitrust laws to carry out this commitment.

Participants are reminded that this meeting is public. Notice of the meeting was posted on the NERC website and widely distributed. Participants should keep in mind that the audience may include members of the press and representatives of various governmental authorities, in addition to the expected participation by industry stakeholders.

- Background
- Standard Drafting Team (SDT) Roster
- SDT Inputs
- Issue Summary
- Impacted Standards
- Industry Role
- Project Schedule
- Questions

- April 16, 2013 – NERC petition for approval of three revised TOP, four revised IRO standards
- November 21, 2013 – Federal Energy Regulatory Commission (FERC) Notice of Proposed Rulemaking (NOPR) proposes to remand revised TOP and IRO standards
- December 20, 2013 – NERC motion to defer action on NOPR until January 31, 2015
- January 14, 2014 – FERC grants motion to defer action until January 15, 2015
- February 12, 2014 – Standards Committee appoints SDT for Project 2014-03 Revisions to TOP/IRO Reliability Standards

- Chair – Dave Souder, PJM
- Vice Chair – Andrew Pankratz, FP&L
- David Bueche, CenterPoint Energy
- Jim Case, Entergy
- Allen Klassen, Westar Energy
- Bruce Larsen, WE Energies
- Jason Marshall, ACES Power Marketing
- Bert Peters, Arizona Public Service Co.
- Robert Rhodes, SPP
- Kyle Russell, IESO
- Eric Senkowicz, FRCC
- Kevin Sherd, MISO

- Previous work by Projects 2006-06 and 2007-03
- FERC NOPR (November 21, 2013)
- Independent Experts Review Project (IERP)
- Southwest Outage Recommendations
- Order 693 directives
- IRO Five-Year Review Team
- Standards Authorization Request (SAR) Comments
- Technical Conferences
- NERC Operating Committee IERP Gap analysis

- Clarification of System Operating Limit exceedance (white paper)
 - Takes into account the time-based nature of Facility Ratings
 - Provides links to appropriate FAC standards as basis for discussion
- Clarified and strengthened definitions of Operational Planning Analysis and Real-time Assessment
- Real-time Assessment every 30 minutes
 - Question in Comment Form as to correct periodicity
- Incorporated “Operating Instruction” consistent with proposed COM-002-4
 - Using newly defined term and not attempting to set up a special instruction (Reliability Directive)

- Consolidation of standards: five existing TOP, five existing IRO, and one existing PER standard proposed for retirement
- Clean-up of applicability: Transmission Operator/Balancing Authority responsibilities in TOP standards, Reliability Coordinator responsibilities in IRO standards
- Elimination of redundancy
- New Outage Coordination standard
 - IRO-017-1
 - Responsive to NOPR issues, IERP and Southwest Outage recommendations

Revised standards:

- TOP-001-3, TOP-002-4, TOP-003-3
- IRO-001-4, IRO-002-4, IRO-008-2, IRO-010-2, IRO-014-3

Retired standards:

- TOP-004-2, TOP-005-2a, TOP-006-2, TOP-007-0, TOP-008-1
- IRO-003-2, IRO-004-2, IRO-005-3.1a, IRO-015-1, IRO-016-1
- PER-001-1

New standard:

- IRO-017

- Thorough review of the many standards involved
 - There are many inter-relationships here
- Specific comments
 - Suggested language changes
 - Provide technical rationale
 - Don't duplicate comments and increase work for the SDT
 - Stay in scope

- July 1, 2014: Comment period ends
- August 6 – September 19, 2014: 45-day Comment and Ballot
- October 2014: Final ballot (10-day)
- November 2014: Adoption by NERC Board of Trustees
- December 2014: FERC filing



Questions and Answers

Website <http://www.nerc.com/pa/Stand/Pages/Project-2014-03-Revisions-to-TOP-and-IRO-Standards.aspx>