• Background
• 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 - 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
• Eric Senkowicz, FRCC
• Kevin Sherd, MISO
• Previous work by Projects 2006-06 and 2007-03
• FERC NOPR (November 21, 2013)
• Independent Experts Review Project
• Southwest Outage Recommendations
• Order 693 directives
• IRO Five-Year Review Team
• SAR Comments
• Technical Conferences
• NERC OC IERP Gap analysis
• Clarification of SOL exceedance (white paper)
• Clarified and strengthened definitions of Operational Planning Analysis and Real-time Assessment
• Real-time Assessment every 30 minutes
• Incorporated “Operating Instruction” consistent with proposed COM-002-4
• Consolidation of standards: 5 existing TOP, 5 existing IRO, and 1 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
Impact Standards

- **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-006-3, TOP-007-0, TOP-008-1
  - IRO-002-4, IRO-003-2, IRO-004-2, IRO-005-3.1a, IRO-015-1, IRO-016-1
  - PER-001-1

- **New Standard:**
  - IRO-017
Industry Role

• 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 on scope
• Participate in mid-posting webinar to hear SDT intent and responses to questions
Project Schedule

• 5/19 – 1st 45 day posting – combined comment and ballot
• 7/1 - Comment period ends
• 8/6 - 2<sup>nd</sup> 45 day posting – combined comment and ballot
• 9/19 - Comment period ends
• 10/13 – Final 10 day ballot
• 11/12 - Board approval
• 12/1 - FERC filing
Questions and Answers

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