

Reference Identifying the Standard in each Project Sorted by Project Number

Project 2006-02 Assess Transmission Future Needs

- 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
- TPL-005-0 — Regional and Interregional Self-Assessment Reliability Reports
- TPL-006-0 — Assessment Data from Regional Reliability Organizations

Project 2006-06 Reliability Coordination

- COM-001-1 — Telecommunications
- COM-002-2 — Communications and Coordination
- IRO-001-1 — Reliability Coordination — Responsibilities and Authorities
- IRO-002-1 — Reliability Coordination — Facilities
- IRO-003-2 — Reliability Coordination – Wide-Area View Needs
- IRO-005-2 — Reliability Coordination — Current-Day Operations
- IRO-014-1 — Procedures, Processes, or 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

Project 2006-08 Transmission Loading Relief

- IRO-006-3 — Reliability Coordination — Transmission Loading Relief
- IRO-006-4 — Reliability Coordination — Transmission Loading Relief

Project 2007-01 Underfrequency Load Shedding

- PRC-006-0 — Development and Documentation of Regional UFLS Programs
- PRC-007-0 — Assuring Consistency with Regional UFLS Program Requirements
- PRC-009-0 — UFLS Performance Following an Underfrequency Event

Project 2007-02 Operating Personnel Communications Protocols

- COM-003-1 — Operating Personnel Communications Protocols

Project 2007-03 Real-time Operations

- PER-001-0 — Operating Personnel Responsibility and Authority
- 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-004-2 — 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

Project 2007-04 Certifying System Operators

- PER-003-0 — Operating Personnel Credentials

Project 2007-06 System Protection Coordination

- PRC-001-1 — System Protection Coordination

Project 2007-07 Vegetation Management

- FAC-003-2 — Transmission Vegetation Management Program

Project 2007-09 Generator Verification

- MOD-024-1 — Verification of Generator Gross and Net Real Power Capability
- MOD-025-1 — Verification of Generator Gross and Net Reactive Power Capability
- MOD-026-1 — Verification of Models and Data for Generator Excitation System Functions
- MOD-027-1 — Verification of Generator Unit Frequency Response
- PRC-019-1 — Coordination of Generator Voltage Regulator Controls with Unit Capabilities and Protection
- PRC-024-1 — Generator Performance During Frequency and Voltage Excursions

Project 2007-11 Disturbance Monitoring

- PRC-002-1 — Define Regional Disturbance Monitoring and Reporting Requirements
- PRC-018-1 — Disturbance Monitoring Equipment Installation and Data Reporting

Project 2007-12 Frequency Response

- BAL-003-0a — Frequency Response and Bias

Project 2007-17 Protection System Maintenance and Testing

- PRC-005-1 — Transmission and Generation Protection System Maintenance and Testing
- PRC-008-0 — Underfrequency Load Shedding Equipment Maintenance Programs
- PRC-011-0 — UVLS System Maintenance and Testing
- PRC-017-0 — Special Protection System Maintenance and Testing

Project 2008-01 Voltage and Reactive Control

- VAR-001-1 — Voltage and Reactive Control
- VAR-001-1a — Voltage and Reactive Control
- VAR-002-1 — Generator Operation for Maintaining Network Voltage Schedules
- VAR-002-1a — Generator Operation for Maintaining Network Voltage Schedules

Project 2008-02 Undervoltage Load Shedding

- PRC-010-0 — Assessment of the Design and Effectiveness of UVLS Program
- PRC-022-1 — Under-Voltage Load Shedding Program Performance

Project 2008-06 Cyber Security — Order 706

- CIP-002-2 — Critical Cyber Asset Identification
- CIP-003-2 — Security Management Controls
- CIP-004-2 — Personnel and Training
- CIP-005-2 — Electronic Security Perimeter(s)
- CIP-006-2a — Cyber Security — Physical Security
- CIP-007-2 — Systems Security Management
- CIP-008-2 — Incident Reporting and Response Planning
- CIP-009-2 — Recovery Plans for Critical Cyber Assets

Project 2008-12 Coordinate Interchange Standards

- INT-001-3 — Interchange Information
- INT-003-2 — Interchange Transaction Implementation
- INT-004-1 — Dynamic Interchange Transaction Modifications

<ul style="list-style-type: none"> ▪ INT-005-2 — Interchange Authority Distributes Arranged Interchange ▪ INT-006-2 — Response to Interchange Authority ▪ INT-007-1 — Interchange Confirmation ▪ INT-008-2 — Interchange Authority Distributes Status ▪ INT-009-1 — Implementation of Interchange ▪ INT-010-1 — Interchange Coordination Exemptions
<p>Project 2009-01 Disturbance and Sabotage Reporting</p> <ul style="list-style-type: none"> ▪ CIP-001-1 — Sabotage Reporting ▪ EOP-004-1 — Disturbance Reporting
<p>Project 2009-02 Real-time Reliability Monitoring and Analysis Capabilities</p> <ul style="list-style-type: none"> ▪ New Standard
<p>Project 2009-03 Emergency Operations</p> <ul style="list-style-type: none"> ▪ EOP-001-0 — Emergency Operations Planning ▪ EOP-002-2 — Capacity and Energy Emergencies ▪ EOP-003-1 — Load Shedding Plans ▪ IRO-001-1 — Reliability Coordination — Responsibilities and Authorities
<p>Project 2009-04 Phasor Measurements Units</p> <ul style="list-style-type: none"> ▪ New Standard
<p>Project 2009-05 Resource Adequacy Assessments</p> <ul style="list-style-type: none"> ▪ New Standard
<p>Project 2010-01 Support Personnel Training</p> <ul style="list-style-type: none"> ▪ New Standard
<p>Project 2010-02 Connecting New Facilities to the Grid</p> <ul style="list-style-type: none"> ▪ FAC-001-0 — Facility Connection Requirements ▪ FAC-002-0 — Coordination of Plans for New Facilities
<p>Project 2010-03 Modeling Data</p> <ul style="list-style-type: none"> ▪ MOD-010-0 — Steady-State Data for Transmission System Modeling and Simulation ▪ MOD-011-0 — Regional Steady-State Data Requirements and Reporting Procedures ▪ MOD-012-0 — Dynamics Data for Transmission System Modeling and Simulation ▪ MOD-013-1 — RRO Dynamics Data Requirements and Reporting Procedures ▪ MOD-014-0 — Development of Interconnection-Specific Steady State System Models ▪ MOD-015-0 — Development of Interconnection-Specific Dynamics System Models ▪ PRC-013-0 — Special Protection System Database ▪ PRC-015-0 — Special Protection System Data and Documentation
<p>Project 2010-04 Demand Data</p> <ul style="list-style-type: none"> ▪ MOD-016-1 — Actual and Forecast Demands, Net Energy for Load, Controllable DSM ▪ 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
<p>Project 2010-05 Protection Systems</p> <ul style="list-style-type: none"> ▪ PRC-003-1 — Regional Procedure for Analysis of Misoperations of Transmission and Generation Protection

Systems

- PRC-004-1 — Analysis and Mitigation of Transmission and Generation Protection System Misoperations
- PRC-012-0 — Special Protection System Review Procedure
- PRC-014-0 — Special Protection System Assessment
- PRC-016-0 — Special Protection System Misoperations

Project 2010-07 Generator Requirements at the Transmission Interface

- BAL-005-0 — Automatic Generation Control
- CIP-002-2 — Cyber Security — Critical Cyber Asset Identification
- EOP-001-0 — Emergency Operations Planning
- EOP-003-1 — Load Shedding Plans
- EOP-004-1 — Disturbance Reporting
- EOP-008-0 — Plans for Loss of Control Center Functionality
- FAC-001-0 — Facility Connection Requirements
- FAC-003-1 — Transmission Vegetation Management Program
- FAC-008-1 — Facility Ratings Methodology
- FAC-009-1 — Establish and Communicate Facility Ratings
- IRO-005-2 — Reliability Coordination — Current Day Operations
- MOD-010-0 — Steady-State Data for Transmission System Modeling and Simulation
- MOD-012-0 — Dynamics Data for Transmission System Modeling and Simulation
- PER-001-0.1 — Operating Personnel Responsibility and Authority
- PER-002-0 — Operating Personnel Training
- PRC-001-1 — System Protection Coordination
- PRC-004-1 — Analysis and Mitigation of Transmission and Generation Protection System Misoperations,
- PRC-005-1 — Transmission and Generation Protection System Maintenance and Testing
- TOP-001-1 — Reliability Responsibilities and Authorities
- TOP-002-2 — Normal Operations Planning
- TOP-003-0 — Planned Outage Coordination
- TOP-004-2 — Transmission Operations
- TOP-008-1 — Response to Transmission Limit Violations
- VAR-001-1 — Voltage and Reactive Control
- VAR-002-1 — Generator Operation for Maintaining Network Voltage Schedules

Project 2010-08 Functional Model Glossary Revisions

- Glossary of Terms Used in Reliability Standards

Project 2010-10 FAC Order 729

- FAC-012-1 — Transfer Capability Methodology
- FAC-013-1 — Establish and Communicate Transfer Capabilities

Project 2010-11 TPL Table 1 Order

- 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

Project 2010-13 Relay Loadability Order

- PRC-023-1 Transmission Relay Loadability

Project 2010-14 Balancing Authority Reliability-based Control

- BAL-001-0 — Real Power Balancing Control Performance
- BAL-001-0a — Real Power Balancing Control Performance
- BAL-002-0 — Disturbance Control Performance
- BAL-004-0 — Time Error Correction
- BAL-004-1 — Time Error Correction
- BAL-005-0 — Automatic Generation Control
- BAL-005-0b — Automatic Generation Control
- BAL-006-1 — Inadvertent Interchange
- EOP-002-2 — Capacity and Energy Emergencies
- IRO-005-2 — Reliability Coordination — Current-Day Operations

Project 2012-01 Equipment Monitoring and Diagnostic Devices

- New Standard

Project 2012-02 Physical Protection

- New Standard