



**ABBREVIATIONS**

BA - Balancing Authority  
 DP - Distribution Provider  
 GO - Generation Owner  
 GOP - Generation Operator  
 IA - Interchange Authority  
 LSE - Load-Serving Entity  
 PA - Planning Authority  
 PSE - Purchasing-Selling Entities

RC - Reliability Coordinator  
 RE - Regional Entity  
 RP - Resource Planner  
 RSG - Reserve Sharing Group  
 TO - Transmission Owner  
 TOP - Transmission Operator  
 TP - Transmission Planner  
 TSP - Transmission Service Provider

\* All Actively Monitored Standards are subject to: Complaint, Investigation, Self Report, and Spot Check

Reliability Standard	Title	Risk Factor	Requirements Monitored	Functions Monitored	Actively Monitored	Compliance Audit	Data Submittal	Self Certification	Periodic Reporting - M: Monthly Q: Quarterly A: Annual	Exception Reporting	CIP Self Certification
<b>RESOURCE AND DEMAND BALANCING</b>											
BAL-001-0	Real Power Balancing Control Performance (CPS)	Low	All	BA	X	X	10th of month for previous Month		M		
BAL-002-0	Disturbance Control Performance (DCS)	Low/Medium/High	All	BA, RE, RSG	X	X	10th of month for previous Quarter		Q		
BAL-003-0	Frequency Response and Bias	Low/Medium	All	BA	X	X			A	X	
BAL-004-0	Time Error Correction	Low	All	BA, RC	X	X		Sept-Oct	A		
BAL-005-0	Automatic Generation Control	Low/Medium/High	All	BA, GOP, LSE, TOP	X	X		Sept-Oct	A		
BAL-006-1	Inadvertent Interchange	Low	All	BA	X	X			M	X	
<b>CRITICAL INFRASTRUCTURE PROTECTION</b>											
CIP-001-1	Sabotage Reporting	Medium	All	BA, GOP, LSE, RC, TOP	X	X		Sept-Oct	A		
CIP-002-1	Cyber Security - Critical Cyber Asset Identification	Not On Matrix	R1, R2, R3	BA, TOP, RC BA & TOP Previously Required to S/C to UA Standard 1200 & RC	X						July 1-15
CIP-002-1	Cyber Security - Critical Cyber Asset Identification	Not On Matrix	R4	See Implementation Table	X						July 1-15
CIP-003-1	Cyber Security - Security Management Controls	Not On Matrix	R1, R2, R3	BA, TOP, RC BA & TOP Previously Required to S/C to UA Standard 1200 & RC	X						July 1-15
CIP-003-1	Cyber Security - Security Management Controls	Not On Matrix	R4, R5, R6	See Implementation Table	X						July 1-15
CIP-004-1	Cyber Security - Personnel & Training	Not On Matrix	R2, R3, R4	BA, TOP, RC BA & TOP Previously Required to S/C to UA Standard 1200 & RC	X						July 1-15
CIP-004-1	Cyber Security - Personnel & Training	Not On Matrix	R1	See Implementation Table	X						July 1-15
CIP-005-1	Cyber Security - Electronic Security Perimeter(s)	Not On Matrix	All	See Implementation Table	X						July 1-15
CIP-006-1	Cyber Security - Physical Security of Critical Cyber Assets	Not On Matrix	All	See Implementation Table	X						July 1-15
CIP-007-1	Cyber Security - Systems Security Management	Not On Matrix	R1	BA, TOP, RC BA & TOP Previously Required to S/C to UA Standard 1200 & RC	X						July 1-15
CIP-007-1	Cyber Security - Systems Security Management	Not On Matrix	R2, R3, R4, R5, R6, R7, R8, R9	See Implementation Table	X						July 1-15
CIP-008-1	Cyber Security - Incident Reporting and Response Planning	Not On Matrix	R1	BA, TOP, RC BA & TOP Previously Required to S/C to UA Standard 1200 & RC	X						July 1-15
CIP-008-1	Cyber Security - Incident Reporting and Response Planning	Not On Matrix	R2	See Implementation Table	X						July 1-15
CIP-009-1	Cyber Security - Recovery Plans for Critical Cyber Assets	Not On Matrix	R1, R2	BA, TOP, RC BA & TOP Previously Required to S/C to UA Standard 1200 & RC	X						July 1-15
CIP-009-1	Cyber Security - Recovery Plans for Critical Cyber Assets	Not On Matrix	R3, R4, R5	See Implementation Table	X						July 1-15
<b>COMMUNICATIONS</b>											
COM-001-1	Telecommunications	Low/Medium/High	All	BA, RC, TOP	X	X		Sept-Oct	A		
COM-002-2	Communications and Coordination	Medium/High	All	BA, GOP, RC, TOP	X	X		Sept-Oct	A		
<b>EMERGENCY PREPAREDNESS AND OPERATIONS</b>											
EOP-001-0	Emergency Operations Planning	Medium/High	All	BA, TOP	X	X		Sept-Oct	A		
EOP-002-2	Capacity and Energy Emergencies	Low/Medium/High	All	BA, LSE, RC	X	X		Sept-Oct	A		
EOP-003-1	Load Shedding Plans	High	All	BA, TOP	X	X		Sept-Oct	A		
EOP-004-1	Disturbance Reporting	Low/Medium	All	BA, GOP, LSE, RC, RE, TOP	X	X		Sept-Oct	A		
EOP-005-1	System Restoration Plans	Medium/High	All	BA, TOP	X	X		Sept-Oct	A		
EOP-006-1	Reliability Coordination - System Restoration	Medium/High	All	RC	X	X		Sept-Oct	A		
EOP-008-0	Plans for Loss of Control Center Functionality	Medium	All	BA, RC, TOP	X	X		Sept-Oct	A		
EOP-009-0	Documentation of Blackstart Generating Unit Test Results	Low/Medium	All	GO, GOP	X	X		Sept-Oct	A		
<b>FACILITIES DESIGN, CONNECTIONS AND MAINTENANCE</b>											
FAC-003-1	Transmission Vegetation Management Program	Low/High	All	TO, RE	X	X		10th of month for previous Month	M		
FAC-008-1	Facility Ratings Methodology	Low/Medium	All	GO, TO	X	X		Sept-Oct	A		
FAC-009-1	Establish and Communicate Facility Ratings	Medium	All	GO, TO	X	X		Sept-Oct	A		
FAC-013-1	Establish and Communicate Transfer Capabilities	Medium	All	PA, RC	X	X		Sept-Oct			



**ABBREVIATIONS**

BA - Balancing Authority  
 DP - Distribution Provider  
 GO - Generation Owner  
 GOP - Generation Operator  
 IA - Interchange Authority  
 LSE - Load-Serving Entity  
 PA - Planning Authority  
 PSE - Purchasing-Selling Entities

RC - Reliability Coordinator  
 RE - Regional Entity  
 RP - Resource Planner  
 RSG - Reserve Sharing Group  
 TO - Transmission Owner  
 TOP - Transmission Operator  
 TP - Transmission Planner  
 TSP - Transmission Service Provider

\* All Actively Monitored Standards are subject to: Complaint, Investigation, Self Report, and Spot Check

Reliability Standard	Title	Risk Factor	Requirements Monitored	Functions Monitored	Actively Monitored	Compliance Audit	Data Submittal	Self Certification	Periodic Reporting - M: Monthly Q: Quarterly A: Annual	Exception Reporting	CIP Self Certification
<b>INTERCHANGE SCHEDULING AND COORDINATION</b>											
INT-001-2	Interchange Transaction Tagging	Low	All	BA, PSE	X	X		Sept-Oct	A		
INT-003-2	Interchange Transaction Implementation	Low/Medium	All	BA	X	X		Sept-Oct	A		
INT-004-1	Interchange Transaction Modifications	Low	All	BA, PSE, RC, TOP	X	X		Sept-Oct	A		
<b>INTERCONNECTION RELIABILITY OPERATIONS AND COORDINATION</b>											
IRO-001-1	Reliability Coordination - Responsibilities & Authority	Low/Medium/High	All	BA, GOP, LSE, PSE, RC, RE, TOP, TSP	X	X		Sept-Oct	A		
IRO-003-2	Reliability Coordination - Wide Area View	High	All	RC	X	X		Sept-Oct	A		
IRO-004-1	Reliability Coordination - Operations Planning	High	All	BA, GO, GOP, LSE, RC, TO, TOP, TSP	X	X		Sept-Oct	A		
IRO-005-1	Reliability Coordination - Current Day Operations	Medium/High	All	RC, BA, TOP, TSP, GOP, LSE, PSE	X	X		Sept-Oct	A		
IRO-006-3	Reliability Coordination - Transmission Loading Relief	High	All	BA, RC, TOP	X	X		Sept-Oct	A		
IRO-014-1	Procedures, Processes, or Plans to Support Coordination between Reliability Coordinators	Low/Medium	All	RC	X	X		Sept-Oct	A		
IRO-015-1	Notifications and Information Exchange between Reliability Coordinators	Low/Medium	All	RC	X	X		Sept-Oct	A		
IRO-016-1	Coordination of Real-time Activities between Reliability Coordinators	Low/Medium	All	RC	X	X		Sept-Oct	A		
<b>PERSONNEL PERFORMANCE, TRAINING AND QUALIFICATIONS</b>											
PER-002-0	Operating Personnel Training	Medium/High	All	BA, TOP	X	X		Sept-Oct	A		
PER-003-0	Operating Personnel Credentials	High	All	BA, RC, TOP	X	X		10th of month for previous Month	M		
PER-004-1	Reliability Coordination Staffing	High	All	RC	X	X		Sept-Oct	A		
<b>PROTECTION AND CONTROL</b>											
PRC-004-1	Analysis and Mitigation of Transmission and Generation Protection System Misoperations	Low/High	All	DP, GO, TO	X	X		Sept-Oct	A		
PRC-005-1	Transmission and Generation Protection System Maintenance and Testing	Low/High	All	DP, GO, TO	X	X		Sept-Oct	A		
PRC-008-0	Underfrequency Load Shedding Equipment Maintenance Programs	Medium	All	DP, TO	X	X		Sept-Oct	A		
PRC-010-0	Assessment of the Design and Effectiveness of UVLS Program	Low/Medium	All	DP, LSE, TO, TOP	X	X		Sept-Oct	A		
PRC-011-0	UVLS System Maintenance and Testing	Low/Medium	All	DP, TO	X	X		Sept-Oct	A		
PRC-016-0	Special Protection System Misoperations	Medium	All	DP, GO, TO	X	X		Sept-Oct	A		
PRC-017-0	Special Protection System Maintenance and Testing	Low/Medium/High	All	DP, GO, TO	X	X		Sept-Oct	A		
PRC-021-1	Under-Voltage Load Shedding Program Data	Low/Medium	All	DP, TO	X	X	X		TBD		
<b>TRANSMISSION OPERATIONS</b>											
TOP-002-2	Normal Operations Planning	Low/Medium/High	All	BA, GOP, LSE, TOP, TSP	X	X		Sept-Oct	A		
TOP-003-0	Planned Outage Coordination	Medium	All	BA, GOP, RC, TOP	X	X		Sept-Oct	A		
TOP-004-1	Transmissions Operations	Medium/High	All	TOP	X	X		Sept-Oct	A		
TOP-005-1	Operational Reliability Information	Low/Medium	All	BA, PSE, RC, TOP	X	X		Sept-Oct	A		
TOP-007-0	Reporting SOL & IROL Violations Evaluation	High	All	RC, TOP	X	X			M	X	
<b>TRANSMISSION PLANNING</b>											
TPL-001-0	System Performance Under Normal Conditions	Low/Medium/High	All	PA, TP	X	X		Sept-Oct	A		
TPL-002-0	System Performance Following Loss of a Single BES Element	Low/Medium/High	All	PA, TP	X	X		Sept-Oct	A		
TPL-003-0	System Performance Following Loss of Two or More BES Elements	Low/Medium/High	All	PA, TP	X	X		Sept-Oct	A		
TPL-004-0	System Performance Following Extreme BES Events	Low/Medium	All	PA, TP	X	X		Sept-Oct	A		
<b>VOLTAGE AND REACTIVE</b>											
VAR-001-1	Voltage and Reactive Control	Low/Medium/High	All	PSE, TOP	X	X		Sept-Oct	A		
VAR-002-1	Generator Operation for Maintaining Network Voltage Schedules	Low/Medium/High	All	GOP, GO	X	X		Sept-Oct	A		
<b>REGIONAL RELIABILITY STANDARDS * MRO Board Approved Standards to be followed as "good utility practice"</b>											
MBAL-002-0	Operating Reserve-Spinning		All	BA, RC	X				M	10th of month for previous Month	
RES-501-MRO-01	Planned Resource Adequacy Assessment	Medium/Low	All	LSE	X		Survey	Nov			
PRC-502-MRO-01	Power System Stabilizer and Small Signal Stability Assessment	Medium/Low	All	GO, PA, GO	X		Survey	Nov			
TPL-503-MRO-01	System Performance	Medium/Low	All	PA, TP	X		Survey	Nov			
TPL-504-MRO-01	Subsynchronous Resonance (SSR) Assessment	Medium/Low	All	GO, GOP, TO, TP	X		Survey	Nov			