

**Exhibit B
Utility Responsibilities
Load Serving Entity/Distribution Provider Standards and Requirements**

Standard	Title	Purpose	Req #	Req Text
CIP-001-1	Sabotage Reporting	Disturbances or unusual occurrences, suspected or determined to be caused by sabotage, shall be reported to the appropriate systems, governmental agencies, and regulatory bodies.	R 1.	Each Reliability Coordinator, Balancing Authority, Transmission Operator, Generator Operator, and Load Serving Entity shall have procedures for the recognition of and for making their operating personnel aware of sabotage events on its facilities and multi site sabotage affecting larger portions of the Interconnection.
CIP-001-1	Sabotage Reporting		R 2.	Each Reliability Coordinator, Balancing Authority, Transmission Operator, Generator Operator, and Load Serving Entity shall have procedures for the communication of information concerning sabotage events to appropriate parties in the Interconnection.
CIP-001-1	Sabotage Reporting		R 3.	Each Reliability Coordinator, Balancing Authority, Transmission Operator, Generator Operator, and Load Serving Entity shall provide its operating personnel with sabotage response guidelines, including personnel to contact, for reporting disturbances due to sabotage events.

Standard	Title	Purpose	Req #	Req Text
CIP-001-1	Sabotage Reporting		R 4.	Each Reliability Coordinator, Balancing Authority, Transmission Operator, Generator Operator, and Load Serving Entity shall establish communications contacts, as applicable, with local Federal Bureau of Investigation (FBI) or Royal Canadian Mounted Police (RCMP) officials and develop reporting procedures as appropriate to their circumstances.
EOP-004-2	Disturbance Reporting	Disturbances or unusual occurrences that jeopardize the operation of the Bulk Electric System, or result in system equipment damage or customer interruptions, need to be studied and understood to minimize the likelihood of similar events in the future.	R 2.	A Reliability Coordinator, Balancing Authority, Transmission Operator, Generator Operator or Load Serving Entity shall promptly analyze Bulk Electric System disturbances on its system or facilities.
EOP-004-2	Disturbance Reporting		R 3.	A Reliability Coordinator, Balancing Authority, Transmission Operator, Generator Operator or Load Serving Entity experiencing a reportable incident shall provide a preliminary written report to its Regional Reliability Organization and NERC.
EOP-004-2	Disturbance Reporting		R 3.1.	The affected Reliability Coordinator, Balancing Authority, Transmission Operator, Generator Operator or Load Serving Entity shall submit within 24 hours of the disturbance or unusual occurrence a copy of the NERC Interconnection Reliability Operating Limit and Preliminary Disturbance Report form. Events that are not identified until some time after they occur shall be reported within 24 hours of being recognized.

Standard	Title	Purpose	Req #	Req Text
EOP-004-2	Disturbance Reporting		R 3.2.	Applicable reporting forms are provided in Attachment 1-EOP-004.
EOP-004-2	Disturbance Reporting		R 3.3.	Under certain adverse conditions, e.g., severe weather, it may not be possible to assess the damage caused by a disturbance and issue a written Interconnection Reliability Operating Limit and Preliminary Disturbance Report within 24 hours. In such cases, the affected Reliability Coordinator, Balancing Authority, Transmission Operator, Generator Operator, or Load Serving Entity shall promptly notify its Regional Reliability Organization(s) and NERC, and verbally provide as much information as is available at that time. The affected Reliability Coordinator, Balancing Authority, Transmission Operator, Generator Operator, or Load Serving Entity shall then provide timely, periodic verbal updates until adequate information is available to issue a written Preliminary Disturbance Report.

SAMPLE

Standard	Title	Purpose	Req #	Req Text
EOP-004-2	Disturbance Reporting		R 3.4.	If, in the judgment of the Regional Reliability Organization, after consultation with the Reliability Coordinator, Balancing Authority, Transmission Operator, Generator Operator, or Load Serving Entity in which a disturbance occurred, a final report is required, the affected Reliability Coordinator, Balancing Authority, Transmission Operator, Generator Operator, or Load Serving Entity shall prepare this report within 60 days. As a minimum, the final report shall have a discussion of the events and its cause, the conclusions reached, and recommendations to prevent recurrence of this type of event. The report shall be subject to Regional Reliability Organization approval.
FAC-002-0	Coordination of Plans for New Facilities	To avoid adverse impacts on reliability, Generator Owners and Transmission Owners and electricity end-users must meet facility connection and performance requirements.	R 1.	The Generator Owner, Transmission Owner, Distribution Provider, and Load-Serving Entity seeking to integrate generation facilities, transmission facilities, and electricity end-user facilities shall each coordinate and cooperate on its assessments with its Transmission Planner and Planning Authority. The assessment shall include:

Standard	Title	Purpose	Req #	Req Text
FAC-002-0	Coordination of Plans for New Facilities	To avoid adverse impacts on reliability, Generator Owners and Transmission Owners and electricity end-users must meet facility connection and performance requirements.	R 2.	The Planning Authority, Transmission Planner, Generator Owner, Transmission Owner, Load-Serving Entity, and Distribution Provider shall each retain its documentation (of its evaluation of the reliability impact of the new facilities and their connections on the interconnected transmission systems) for three years and shall provide the documentation to the Regional Reliability Organization(s) and NERC on request (within 30 calendar days).
IRO-001-1	Reliability Coordination - Responsibilities and Authorities	Reliability Coordinators must have the authority, plans, and agreements in place to immediately direct reliability entities within their Reliability Coordinator Areas to redispatch generation, reconfigure transmission, or reduce load to mitigate critical conditions to return the system to a reliable state. If a Reliability Coordinator delegates tasks to others, the Reliability Coordinator retains its responsibilities for complying with NERC and regional standards. Standards of conduct are necessary to ensure the Reliability Coordinator does not act in a manner that favors one market participant over another.	R 8.	Transmission Operators, Balancing Authorities, Generator Operators, Transmission Service Providers, Load-Serving Entities, and Purchasing-Selling Entities shall comply with Reliability Coordinator directives unless such actions would violate safety, equipment, or regulatory or statutory requirements. Under these circumstances, the Transmission Operator, Balancing Authority, Generator Operator, Transmission Service Provider, Load-Serving Entity, or Purchasing-Selling Entity shall immediately inform the Reliability Coordinator of the inability to perform the directive so that the Reliability Coordinator may implement alternate remedial actions.

Standard	Title	Purpose	Req #	Req Text
IRO-004-1	Reliability Coordination - Operations Planning	Each Reliability Coordinator must conduct next-day reliability analyses for its Reliability Coordinator Area to ensure the Bulk Electric System can be operated reliably in anticipated normal and Contingency conditions. System studies must be conducted to highlight potential interface and other operating limits, including overloaded transmission lines and transformers, voltage and stability limits, etc. Plans must be developed to alleviate System Operating Limit (SOL) and Interconnection Reliability Operating Limit (IROL) violations.	R 4.	Each Transmission Operator, Balancing Authority, Transmission Owner, Generator Owner, Generator Operator and Load Serving Entity in the Reliability Coordinator Area shall provide information required for system studies, such as critical facility status, Load, generation, operating reserve projections, and known Interchange Transactions. This information shall be available by 1200 Central Standard time for the Eastern Interconnection and 1200 Pacific Standard Time for the Western Interconnection.
MOD-017-0	Aggregated Actual and Forecast Demands and Net Energy for Load	To ensure that assessments and validation of past events and databases can be performed, reporting of actual Demand data is needed. Forecast demand data is needed to perform future system assessment to identify the need for system reinforcement for continued reliability. In addition to assist in proper real-time operating, load information related to controllable Demand-Side Management programs is needed.	R 1.	The Load-Serving Entity, Planning Authority and Resource Planner shall each provide the following information annually on an aggregated Regional, subregional, Power Pool, individual system, or Load-Serving Entity basis to NERC, the Regional Reliability Organizations, and any other entities specified by the documentation in Standard MOD-016-0_R1.
MOD-017-0	Aggregated Actual and Forecast Demands and Net Energy for Load		R 1.1.	Integrated hourly demands in megawatts (MW) for the prior year.
MOD-017-0	Aggregated Actual and Forecast Demands and Net Energy for Load		R 1.2.	Monthly and annual peak hour actual demands in MW and Net Energy for Load in gigawatthours (GWh) for the prior year.

Standard	Title	Purpose	Req #	Req Text
MOD-017-0	Aggregated Actual and Forecast Demands and Net Energy for Load		R 1.3.	Monthly peak hour forecast demands in MW and Net Energy for Load in GWh for the next two years
MOD-017-0	Aggregated Actual and Forecast Demands and Net Energy for Load		R 1.4.	Annual Peak hour forecast demands (summer and winter) in MW and annual Net Energy for load in GWh for at least five years and up to ten years into the future, as requested.
MOD-018-0	Treatment of Nonmember Demand Data and How Uncertainties are Addressed in the Forecasts of Demand and Net Energy for Load	To ensure that Assessments and validation of past events and databases can be performed, reporting of actual demand data is needed. Forecast demand data is needed to perform future system assessments to identify the need for system reinforcement for continued reliability. In addition, to assist in proper real-time operating, load information related to controllable Demand-Side Management programs is needed.	R 1.	The Load-Serving Entity, Planning Authority, Transmission Planner and Resource Planner's report of actual and forecast demand data (reported on either an aggregated or dispersed basis) shall:
MOD-018-0	Treatment of Nonmember Demand Data and How Uncertainties are Addressed in the Forecasts of Demand and Net Energy for Load		R 1.1.	Indicate whether the demand data of nonmember entities within an area or Regional Reliability Organization are included, and

Standard	Title	Purpose	Req #	Req Text
MOD-018-0	Treatment of Nonmember Demand Data and How Uncertainties are Addressed in the Forecasts of Demand and Net Energy for Load		R 1.2.	Address assumptions, methods, and the manner in which uncertainties are treated in the forecasts of aggregated peak demands and Net Energy for Load.
MOD-018-0	Treatment of Nonmember Demand Data and How Uncertainties are Addressed in the Forecasts of Demand and Net Energy for Load		R 1.3.	Items (MOD-018-0_R1.1) and (MOD-018-0_R1.2) shall be addressed as described in the reporting procedures developed for Standard MOD-016-0_R1.
MOD-018-0	Treatment of Nonmember Demand Data and How Uncertainties are Addressed in the Forecasts of Demand and Net Energy for Load		R 2.	The Load-Serving Entity, Planning Authority, Transmission Planner and Resource Planner shall each report data associated with Reliability Standard MOD-018-0_R1 to NERC, the Regional Reliability Organization, Load-Serving Entity, Planning Authority, and Resource Planner on request (within 30 calendar days).

Standard	Title	Purpose	Req #	Req Text
MOD-019-0	Reporting of Interruptible Demands and Direct Control Load Management	To ensure that assessments and validation of past events and databases can be performed, reporting of actual demand data is needed. Forecast demand data is needed to perform future system assessments to identify the need for system reinforcement for continued reliability. In addition, to assist in proper real-time operating, load information related to controllable Demand-Side Management programs is needed.	R 1.	The Load-Serving Entity, Planning Authority, Transmission Planner, and Resource Planner shall each provide annually its forecasts of interruptible demands and Direct Control Load Management (DCLM) data for at least five years and up to ten years into the future, as requested, for summer and winter peak system conditions to NERC, the Regional Reliability Organizations, and other entities (Load-Serving Entities, Planning Authorities, and Resource Planners) as specified by the documentation in Reliability Standard MOD-016-0_R 1.
MOD-020-0	Providing Interruptible Demands and Direct Control Load Management Data to System Operators and Reliability Coordinators	To ensure that assessments and validation of past events and databases can be performed, reporting of actual demand data is needed. Forecast demand data is needed to perform future system assessments to identify the need for system reinforcement for continued reliability. In addition to assist in proper real-time operating, load information related to controllable Demand-Side Management programs is needed.	R 1.	The Load-Serving Entity, Transmission Planner, and Resource Planner shall each make known its amount of interruptible demands and Direct Control Load Management (DCLM) to Transmission Operators, Balancing Authorities, and Reliability Coordinators on request within 30 calendar days.

Standard	Title	Purpose	Req #	Req Text
MOD-021-0	Documentation of the Accounting Methodology for the Effects of Controllable Demand-Side Management in Demand and Energy Forecasts.	To ensure that assessments and validation of past events and databases can be performed, reporting of actual Demand data is needed. Forecast demand data is needed to perform future system assessments to identify the need for system reinforcement for continued reliability. In addition, to assist in proper real-time operating, load information related to controllable Demand-Side Management (DSM) programs is needed.	R 1.	The Load-Serving Entity, Transmission Planner and Resource Planner's forecasts shall each clearly document how the Demand and energy effects of DSM programs (such as conservation, time-of-use rates, interruptible Demands, and Direct Control Load Management) are addressed.
MOD-021-0	Documentation of the Accounting Methodology for the Effects of Controllable Demand-Side Management in Demand and Energy Forecasts.		R 2.	The Load-Serving Entity, Transmission Planner and Resource Planner shall each include information detailing how Demand-Side Management measures are addressed in the forecasts of its Peak Demand and annual Net Energy for Load in the data reporting procedures of Standard MOD-016-0_R 1.
MOD-021-0	Documentation of the Accounting Methodology for the Effects of Controllable Demand-Side Management in Demand and Energy Forecasts.		R 3.	The Load-Serving Entity, Transmission Planner and Resource Planner shall each make documentation on the treatment of its DSM programs available to NERC on request (within 30 calendar days).

Standard	Title	Purpose	Req #	Req Text
PRC-004-1	Analysis and Mitigation of Transmission and Generation Protection System Misoperations	Ensure all transmission and generation Protection System Misoperations affecting the reliability of the Bulk Electric System (BES) are analyzed and mitigated.	R 1.	The Transmission Owner and any Distribution Provider that owns a transmission Protection System shall each analyze its transmission Protection System Misoperations and shall develop and implement a Corrective Action Plan to avoid future Misoperations of a similar nature according to the Regional Reliability Organization's procedures developed for Reliability Standard PRC-003 Requirement 1.
PRC-004-1	Analysis and Mitigation of Transmission and Generation Protection System Misoperations		R 3.	The Transmission Owner, any Distribution Provider that owns a transmission Protection System, and the Generator Owner shall each provide to its Regional Reliability Organization, documentation of its Misoperations analyses and Corrective Action Plans according to the Regional Reliability Organization's procedures developed for PRC-003 R1.
PRC-005-1	Transmission and Generation Protection System Maintenance and Testing	To ensure all transmission and generation Protection Systems affecting the reliability of the Bulk Electric System (BES) are maintained and tested.	R 1.	Each Transmission Owner and any Distribution Provider that owns a transmission Protection System and each Generator Owner that owns a generation Protection System shall have a Protection System maintenance and testing program for Protection Systems that affect the reliability of the BES. The program shall include:

Standard	Title	Purpose	Req #	Req Text
PRC-005-1	Transmission and Generation Protection System Maintenance and Testing		R 1.1.	Maintenance and testing intervals and their basis.
PRC-005-1	Transmission and Generation Protection System Maintenance and Testing		R 1.2.	Summary of maintenance and testing procedures.
PRC-005-1	Transmission and Generation Protection System Maintenance and Testing		R 2.	Each Transmission Owner and any Distribution Provider that owns a transmission Protection System and each Generator Owner that owns a generation Protection System shall provide documentation of its Protection System maintenance and testing program and the implementation of that program to its Regional Reliability Organization on request (within 30 calendar days). The documentation of the program implementation shall include:

Standard	Title	Purpose	Req #	Req Text
PRC-005-1	Transmission and Generation Protection System Maintenance and Testing		R 2.1.	Evidence Protection System devices were maintained and tested within the defined intervals.
PRC-005-1	Transmission and Generation Protection System Maintenance and Testing		R 2.2.	Date each Protection System device was last tested/maintained.
PRC-007-0	Assuring Consistency of Entity Underfrequency Load Shedding Programs with Regional Reliability Organization's Underfrequency Load Shedding Program Requirements	Provide last resort System preservation measures by implementing an Under Frequency Load Shedding (UFLS) program.	R 1.	The Transmission Owner and Distribution Provider, with a UFLS program (as required by its Regional Reliability Organization) shall ensure that its UFLS program is consistent with its Regional Reliability Organization's UFLS program requirements.

Standard	Title	Purpose	Req #	Req Text
PRC-007-0	Assuring Consistency of Entity Underfrequency Load Shedding Programs with Regional Reliability Organization's Underfrequency Load Shedding Program Requirements		R 2.	The Transmission Owner, Transmission Operator, Distribution Provider, and Load-Serving Entity that owns or operates a UFLS program (as required by its Regional Reliability Organization) shall provide, and annually update, its underfrequency data as necessary for its Regional Reliability Organization to maintain and update a UFLS program database.
PRC-007-0	Assuring Consistency of Entity Underfrequency Load Shedding Programs with Regional Reliability Organization's Underfrequency Load Shedding Program Requirements		R 3.	The Transmission Owner and Distribution Provider that owns a UFLS program (as required by its Regional Reliability Organization) shall provide its documentation of that UFLS program to its Regional Reliability Organization on request (30 calendar days).

Standard	Title	Purpose	Req #	Req Text
PRC-008-0	Implementation and Documentation of Underfrequency Load Shedding Equipment Maintenance Program	Provide last resort system preservation measures by implementing an Under Frequency Load Shedding (UFLS) program.	R 1.	The Transmission Owner and Distribution Provider with a UFLS program (as required by its Regional Reliability Organization) shall have a UFLS equipment maintenance and testing program in place. This UFLS equipment maintenance and testing program shall include UFLS equipment identification, the schedule for UFLS equipment testing, and the schedule for UFLS equipment maintenance.
PRC-008-0	Implementation and Documentation of Underfrequency Load Shedding Equipment Maintenance Program		R 2.	The Transmission Owner and Distribution Provider with a UFLS program (as required by its Regional Reliability Organization) shall implement its UFLS equipment maintenance and testing program and shall provide UFLS maintenance and testing program results to its Regional Reliability Organization and NERC on request (within 30 calendar days).

Standard	Title	Purpose	Req #	Req Text
PRC-009-0	Analysis and Documentation of Underfrequency Load Shedding Performance Following an Underfrequency Event	Provide last resort System preservation measures by implementing an Under Frequency Load Shedding (UFLS) program.	R 1.	The Transmission Owner, Transmission Operator, Load-Serving Entity and Distribution Provider that owns or operates a UFLS program (as required by its Regional Reliability Organization) shall analyze and document its UFLS program performance in accordance with its Regional Reliability Organization's UFLS program. The analysis shall address the performance of UFLS equipment and program effectiveness following system events resulting in system frequency excursions below the initializing set points of the UFLS program. The analysis shall include, but not be limited to:
PRC-010-0	Technical Assessment of the Design and Effectiveness of Undervoltage Load Shedding Program.		R 1.1.3.	A review of the voltage set points and timing.
PRC-011-0	Undervoltage Load Shedding System Maintenance and Testing	Provide system preservation measures in an attempt to prevent system voltage collapse or voltage instability by implementing an Undervoltage Load Shedding (UVLS) program.	R 1.	The Transmission Owner and Distribution Provider that owns a UVLS system shall have a UVLS equipment maintenance and testing program in place. This program shall include:

Standard	Title	Purpose	Req #	Req Text
PRC-011-0	Undervoltage Load Shedding System Maintenance and Testing		R 1.1.	The UVLS system identification which shall include but is not limited to
PRC-011-0	Undervoltage Load Shedding System Maintenance and Testing		R 1.1.1.	Relays.
PRC-011-0	Undervoltage Load Shedding System Maintenance and Testing		R 1.1.2.	Instrument transformers
PRC-011-0	Undervoltage Load Shedding System Maintenance and Testing		R 1.1.3.	Communications systems, where appropriate.
PRC-011-0	Undervoltage Load Shedding System Maintenance and Testing		R 1.1.4.	Batteries.
PRC-011-0	Undervoltage Load Shedding System Maintenance and Testing		R 1.2.	Documentation of maintenance and testing intervals and their basis

Standard	Title	Purpose	Req #	Req Text
PRC-011-0	Undervoltage Load Shedding System Maintenance and Testing		R 1.3.	Summary of testing procedure.
PRC-011-0	Undervoltage Load Shedding System Maintenance and Testing		R 1.4.	Schedule for system testing
PRC-011-0	Undervoltage Load Shedding System Maintenance and Testing		R 1.5.	Schedule for system maintenance.
PRC-011-0	Undervoltage Load Shedding System Maintenance and Testing		R 1.6.	Date last tested/maintained.
PRC-011-0	Undervoltage Load Shedding System Maintenance and Testing		R 2.	The Transmission Owner and Distribution Provider that owns a UVLS system shall provide documentation of its UVLS equipment maintenance and testing program and the implementation of that UVLS equipment maintenance and testing program to its Regional Reliability Organization and NERC on request (within 30 calendar days).

Standard	Title	Purpose	Req #	Req Text
PRC-015-0	Special Protection System Data and Documentation	To ensure that all Special Protection Systems (SPS) are properly designed, meet performance requirements, and are coordinated with other protection systems. To ensure that maintenance and testing programs are developed and misoperations are analyzed and corrected.	R 1.	The Transmission Owner, Generator Owner, and Distribution Provider that owns an SPS shall maintain a list of and provide data for existing and proposed SPSs as specified in Reliability Standard PRC-013-0_R 1.
PRC-015-0	Special Protection System Data and Documentation		R 2.	The Transmission Owner, Generator Owner, and Distribution Provider that owns an SPS shall have evidence it reviewed new or functionally modified SPSs in accordance with the Regional Reliability Organization's procedures as defined in Reliability Standard PRC-012-0_R1 prior to being placed in service.
PRC-015-0	Special Protection System Data and Documentation		R 3.	The Transmission Owner, Generator Owner, and Distribution Provider that owns an SPS shall provide documentation of SPS data and the results of Studies that show compliance of new or functionally modified SPSs with NERC Reliability Standards and Regional Reliability Organization criteria to affected Regional Reliability Organizations and NERC on request (within 30 calendar days).
PRC-016-0	Special Protection System Misoperations	To ensure that all Special Protection Systems (SPS) are properly designed, meet performance requirements, and are coordinated with other protection systems. To ensure that maintenance and testing programs are developed and misoperations are analyzed and corrected.	R 1.	The Transmission Owner, Generator Owner, and Distribution Provider that owns an SPS shall analyze its SPS operations and maintain a record of all misoperations in accordance with the Regional SPS review procedure specified in Reliability Standard PRC-012-0_R 1.

Standard	Title	Purpose	Req #	Req Text
PRC-016-0	Special Protection System Misoperations		R 2.	The Transmission Owner, Generator Owner, and Distribution Provider that owns an SPS shall take corrective actions to avoid future misoperations.
PRC-016-0	Special Protection System Misoperations		R 3.	The Transmission Owner, Generator Owner, and Distribution Provider that owns an SPS shall provide documentation of the misoperation analyses and the corrective action plans to its Regional Reliability Organization and NERC on request (within 90 calendar days).
PRC-017-0	Special Protection System Maintenance and Testing	To ensure that all Special Protection Systems (SPS) are properly designed, meet performance requirements, and are coordinated with other protection systems. To ensure that maintenance and testing programs are developed and misoperations are analyzed and corrected.	R 1.	The Transmission Owner, Generator Owner, and Distribution Provider that owns an SPS shall have a system maintenance and testing program(s) in place. The program(s) shall include:
PRC-017-0	Special Protection System Maintenance and Testing		R 1.1.	SPS identification shall include but is not limited to:
PRC-017-0	Special Protection System Maintenance and Testing		R 1.1.1.	Relays
PRC-017-0	Special Protection System Maintenance and Testing		R 1.1.2.	Instrument transformers.

Standard	Title	Purpose	Req #	Req Text
PRC-017-0	Special Protection System Maintenance and Testing		R 1.1.3.	Communications systems, where appropriate.
PRC-017-0	Special Protection System Maintenance and Testing		R 1.1.4.	Batteries.
PRC-017-0	Special Protection System Maintenance and Testing		R 1.2.	Documentation of maintenance and testing intervals and their basis.
PRC-017-0	Special Protection System Maintenance and Testing		R 1.3.	Summary of testing procedure
PRC-017-0	Special Protection System Maintenance and Testing		R 1.4.	Schedule for system testing.
PRC-017-0	Special Protection System Maintenance and Testing		R 1.5.	Schedule for system maintenance.

Standard	Title	Purpose	Req #	Req Text
PRC-017-0	Special Protection System Maintenance and Testing		R 1.6.	Date last tested/maintained.
PRC-017-0	Special Protection System Maintenance and Testing		R 2.	The Transmission Owner, Generator Owner, and Distribution Provider that owns an SPS shall provide documentation of the program and its implementation to the appropriate Regional Reliability Organizations and NERC on request (within 30 calendar days).
PRC-021-1	Under-Voltage Load Shedding Program Performance	Ensure data is provided to support the Regional database maintained for under-voltage load shedding (UVLS) programs that were implemented to mitigate the risk of voltage collapse or voltage instability in the Bulk Electric System (BES)	R.1.	Each Transmission owner and distribution provider that owns a UVLS program to mitigate the risk voltage collapse or voltage instability in the BES shall annually update its UVLS data to support the Regional UVLS program database. The following data shall be provided to the Regional Reliability Organization for each installed UVLS system:
PRC-021-1	Under-Voltage Load Shedding Program Performance		R 1.1.	Size and location of customer load, or percent of connected load, to be interrupted.
PRC-021-1	Under-Voltage Load Shedding Program Performance		R 1.2.	Corresponding voltage set points and overall scheme clearing times

Standard	Title	Purpose	Req #	Req Text
PRC-021-1	Under-Voltage Load Shedding Program Performance		R 1.3.	Time delay from initiation to trip signal
PRC-021-1	Under-Voltage Load Shedding Program Performance		R 1.4.	Breaker operating times.
PRC-021-1	Under-Voltage Load Shedding Program Performance		R 1.5.	Any other schemes that are part of or impact the UVLS programs such as related generation protection, islanding schemes, automatic load restoration schemes, UFLS and Special Protection Systems.
PRC-021-1	Under-Voltage Load Shedding Program Performance		R 2	Each Transmission Owner and Distribution Provider that owns a UVLS program shall provide its UVLS program data to the Regional Reliability Organization within 30 calendar days of a request.
PRC-022-1	Under-Voltage Load Shedding Program Performance	Ensure that Under Voltage Load Shedding (UVLS) programs perform as intended to mitigate the risk of voltage collapse or voltage instability in the Bulk Electric System (BES).	R 1.	Each Transmission Operator, Load-Serving Entity, and Distribution Provider that operates a UVLS program to mitigate the risk of voltage collapse or voltage instability in the BES shall analyze and document all UVLS operations and Misoperations. The analysis shall include:
PRC-022-1	Under-Voltage Load Shedding Program Performance		R 1.1.	A description of the event including initiating conditions

Standard	Title	Purpose	Req #	Req Text
PRC-022-1	Under-Voltage Load Shedding Program Performance		R 1.2.	A review of the UVLS set points and tripping times.
PRC-022-1	Under-Voltage Load Shedding Program Performance		R 1.3.	A simulation of the event, if deemed appropriate by the Regional Reliability Organization. For most events, analysis of sequence of events may be sufficient and dynamic simulations may not be needed
PRC-022-1	Under-Voltage Load Shedding Program Performance		R 1.4.	A summary of the findings.
PRC-022-1	Under-Voltage Load Shedding Program Performance		R 1.5.	For any Misoperation, a Corrective Action Plan to avoid future misoperations of asimilar nature
PRC-022-1	Under-Voltage Load Shedding Program Performance		R 2.	Each Transmission Operator, Load-Serving Entity, and Distribution Provider that operates a UVLS program shall provide documentation of its analysis of UVLS program performance to its Regional Reliability Organization within 90 calendar days of a request.

Standard	Title	Purpose	Req #	Req Text
TOP-001-1	Reliability Responsibilities and Authorities	To ensure reliability entities have clear decision-making authority and capabilities to take appropriate actions or direct the actions of others to return the transmission system to normal conditions during an emergency.	R 4.	Each Distribution Provider and Load Serving Entity shall comply with all reliability directives issued by the Transmission Operator, including shedding firm load, unless such actions would violate safety, equipment, regulatory or statutory requirements. Under these circumstances, the Distribution Provider or Load Serving Entity shall immediately inform the Transmission Operator of the inability to perform the directive so that the Transmission Operator can implement alternate remedial actions.
TOP-002-2	Normal Operations Planning	Current operations plans and procedures are essential to being prepared for reliable operations, including response for unplanned events.	R 3.	Each Load Serving Entity and Generator Operator shall coordinate (where confidentiality agreements allow) its current-day, next-day, and seasonal operations with its Host Balancing Authority and Transmission Service Provider. Each Balancing Authority and Transmission Service Provider shall coordinate its current-day, next-day, and seasonal operations with its Transmission Operator.
TOP-002-2	Normal Operations Planning		R 18.	Neighboring Balancing Authorities, Transmission Operators, Generator Operators, Transmission Service Providers and Load Serving Entities shall use uniform line identifiers when referring to transmission facilities of an interconnected network.

SAMPLE