

Standard Number	Requirement	Text of Requirement ¹	Lower VSL	Moderate VSL	High VSL	Severe VSL
BAL-003-0.1b	R1	<p>Each Balancing Authority shall review its Frequency Bias Settings by January 1 of each year and recalculate its setting to reflect any change in the Frequency Response of the Balancing Authority Area.</p> <p>--</p> <p>R1.1: The Balancing Authority may change its Frequency Bias Setting, and the method used to determine the setting, whenever any of the factors used to determine the current bias value change.</p> <p>R1.2: Each Balancing Authority shall report its Frequency Bias Setting, and method for determining that setting, to the NERC Operating Committee.</p>	The Balancing Authority failed to report the method for determining its Frequency Bias Setting to the NERC Operating Committee. (R1.2)	The Balancing Authority failed to report its Frequency Bias Setting to the NERC Operating Committee. (R1.2)	The Balancing Authority failed to report its Frequency Bias Settings and the method for determining that Frequency Bias Setting to the NERC Operating Committee. (R1.2)	The Balancing Authority failed to review its Frequency Bias Settings by January 1 of each year and recalculate its setting to reflect any change in the Frequency Response of the Balancing Authority Area.
COM-001-1.1	R2	Each Reliability Coordinator, Transmission	N/A	The responsible entity failed to manage, alarm, test and/or	The responsible entity failed to manage, alarm, test and/or	The responsible entity failed to manage, alarm, test, and/or

¹ In some cases, sub-requirement language has also been included. In those cases, the VSLs listed still apply to the requirement itself, and the text of the sub-requirement is included merely for reference.

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		Operator, and Balancing Authority shall manage, alarm, test and/or actively monitor vital telecommunications facilities. Special attention shall be given to emergency telecommunications facilities and equipment not used for routine communications.		actively monitor its emergency telecommunications facilities and equipment not used for routine communications.	actively monitor its vital telecommunications facilities.	actively monitor its vital and emergency telecommunications facilities and equipment not used for routine communications.
COM-002-2	R1.1	Each Balancing Authority and Transmission Operator shall notify its Reliability Coordinator, and all other potentially affected Balancing Authorities and Transmission Operators through predetermined communication paths of any condition that could threaten the reliability of its area or when firm load shedding is anticipated.	N/A	N/A	The responsible entity failed to notify all other potentially affected Balancing Authorities and Transmission Operators through predetermined communication paths of any condition that could threaten the reliability of its area or when firm load shedding was anticipated.	The responsible entity failed to notify its Reliability Coordinator through predetermined communication paths of any condition that could threaten the reliability of its area or when firm load shedding was anticipated.
FAC-003-1	R1.2.2.1	Where transmission system transient overvoltage factors	N/A	N/A	N/A	Where transmission system transient overvoltage factors

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		are not known, clearances shall be derived from Table 5, IEEE 516-2003, phase-to-ground distances, with appropriate altitude correction factors applied.				were not known, clearances were not derived from Table 5, IEEE 516-2003, phase-to-ground distances, with appropriate altitude correction factors applied.
IRO-004-1	R1	Each Reliability Coordinator shall conduct next-day reliability analyses for its Reliability Coordinator Area to ensure that the Bulk Electric System can be operated reliably in anticipated normal and Contingency event conditions. The Reliability Coordinator shall conduct Contingency analysis studies to identify potential interface and other SOL and IROL violations, including overloaded transmission lines and transformers, voltage and stability limits, etc.	N/A	N/A	N/A	The Reliability Coordinator failed to conduct next-day reliability analyses to ensure that the Bulk Electric System can be operated reliably in anticipated normal and Contingency event conditions or contingency analysis studies to identify potential interface and other SOL and IROL violations, including overloaded transmission lines and transformers, voltage and stability limits, etc. for its Reliability Coordinator Area.
IRO-004-1	R3	Each Reliability	N/A	N/A	N/A	The Reliability

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		Coordinator shall, in conjunction with its Transmission Operators and Balancing Authorities, develop action plans that may be required, including reconfiguration of the transmission system, re-dispatching of generation, reduction or curtailment of Interchange Transactions, or reducing load to return transmission loading to within acceptable SOLs or IROLs.				Coordinator, in conjunction with its Transmission Operators and Balancing Authorities, failed to develop action plans that may have been required, including reconfiguration of the transmission system, re-dispatching of generation, reduction or curtailment of Interchange Transactions, or reducing load to return transmission loading to within acceptable SOLs or IROLs.
IRO-004-1	R4	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	The responsible entity in the Reliability Coordinator Area provided the information required for system studies, such as critical facility status, Load, generation, operating reserve projections, and known Interchange	The responsible entity in the Reliability Coordinator Area provided the information required for system studies, such as critical facility status, Load, generation, operating reserve projections, and known Interchange Transactions, but said information was provided more than	The responsible entity in the Reliability Coordinator Area provided the information required for system studies, such as critical facility status, Load, generation, operating reserve projections, and known Interchange Transactions, but said information was provided more than	The responsible entity in the Reliability Coordinator Area provided the information required for system studies, such as critical facility status, Load, generation, operating reserve projections, and known Interchange Transactions, but said information was provided more than

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		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.	Transactions, but said information was provided after the required time (but not more than one hour after the required time).	one hour after the required time (but not more than two hours after the required time).	two hours after the required time (but not more than three hours after the required time).	three hours after the required time. OR The responsible entity in the Reliability Coordinator Area did not provide the information required for system studies, such as critical facility status, Load, generation, operating reserve projections, and known Interchange Transactions.
IRO-004-1	R5	Each Reliability Coordinator shall share the results of its system studies, when conditions warrant or upon request, with other Reliability Coordinators and with Transmission Operators, Balancing Authorities, and Transmission Service Providers within its Reliability Coordinator Area. The Reliability	Coordinator shared the results of its system studies, when conditions warranted or when they were requested, with other Reliability Coordinators and with Transmission Operators, Balancing Authorities, and Transmission Service Providers	Coordinator shared the results of its system studies, when conditions warranted or when they were requested, with other Reliability Coordinators and with Transmission Operators, Balancing Authorities, and Transmission Service Providers within its Reliability Coordinator Area, but said information was provided more than	Coordinator shared the results of its system studies, when conditions warranted or when they were requested, with other Reliability Coordinators and with Transmission Operators, Balancing Authorities, and Transmission Service Providers within its Reliability Coordinator Area, but said information was provided more than	Coordinator shared the results of its system studies, when conditions warranted or when they were requested, with other Reliability Coordinators and with Transmission Operators, Balancing Authorities, and Transmission Service Providers within its Reliability Coordinator Area, but said information was provided more than

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		Coordinator shall make study results available no later than 1500 Central Standard Time for the Eastern Interconnection and 1500 Pacific Standard Time for the Western Interconnection, unless circumstances warrant otherwise.	within its Reliability Coordinator Area, but said results were provided after the required time (but not more than one hour after the required time).	one hour after the required time (but not more than two hours after the required time).	two hours after the required time (but not more than three hours after the required time).	three hours after the required time. OR The Reliability Coordinator failed to share the results of its system studies, when conditions warranted or when they were requested, with other Reliability Coordinators, Transmission Operators, Balancing Authorities, or Transmission Service Providers within its Reliability Coordinator Area.
IRO-006-4.1	R3	Each Reliability Coordinator with a relief obligation from an Interconnection-wide procedure shall follow the curtailments as directed by the Interconnection-wide procedure. A Reliability Coordinator desiring to use a local procedure as a substitute for	N/A	N/A	N/A	A Reliability Coordinator implemented a local transmission loading relief or congestion management procedure as a substitute for curtailment as directed by the Interconnection-wide procedure, but the local procedure had not received prior approval from the

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		curtailments as directed by the Interconnection-wide procedure shall obtain prior approval of the local procedure from the ERO.				ERO. OR A Reliability Coordinator with a relief obligation from an Interconnection-wide procedure did not follow the curtailments as directed by the Interconnection-wide procedure and did not use a substitute procedure previously approved by the ERO.
PRC-001-1	R1	Each Transmission Operator, Balancing Authority, and Generator Operator shall be familiar with the purpose and limitations of protection system schemes applied in its area.	N/A	N/A	The responsible entity failed to be familiar with the limitations of protection system schemes applied in its area.	The responsible entity failed to be familiar with the purpose of protection system schemes applied in its area.
PRC-001-1	R3.1	Each Generator Operator shall coordinate all new protective systems and all protective system changes with its Transmission Operator and Host Balancing	The Generator Operator failed to coordinate one new protective system or protective system change with either its Transmission	The Generator Operator failed to coordinate two new protective systems or protective system changes with either its Transmission Operator or its Host Balancing Authority, or both.	The Generator Operator failed to coordinate three new protective systems or protective system changes with either its Transmission Operator or its Host Balancing Authority, or both.	The Generator Operator failed to coordinate more than three new protective systems or protective system changes with its Transmission Operator or its Host Balancing Authority,

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		Authority.	Operator or its Host Balancing Authority or both.			or both.
PRC-001-1	R3.2	Each Transmission Operator shall coordinate all new protective systems and all protective system changes with neighboring Transmission Operators and Balancing Authorities.	The Transmission Operator failed to coordinate one new protective system or protective system change with neighboring Transmission Operators or Balancing Authorities or both.	The Transmission Operator failed to coordinate two new protective systems or protective system changes with neighboring Transmission Operators or Balancing Authorities or both.	The Transmission Operator failed to coordinate three new protective systems or protective system changes with neighboring Transmission Operators or Balancing Authorities or both.	The Transmission Operator failed to coordinate more than three new protective systems or protective system changes with neighboring Transmission Operators or Balancing Authorities or both.
PRC-005-1	R1	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: --	N/A	The responsible entity had a Protection System maintenance and testing program for Protection Systems that affect the reliability of the BES, but the summary of maintenance and testing procedures was missing or incomplete. (R1.2)	The responsible entity had a Protection System maintenance and testing program for Protection Systems that affect the reliability of the BES, but the maintenance and testing intervals and their basis was missing or incomplete. (R1.1)	The responsible entity failed to have Protection System maintenance and testing program for Protection Systems that affect the reliability of the BES.

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		<p>R1.1: Maintenance and testing intervals and their basis.</p> <p>R1.2: Summary of maintenance and testing procedures.</p>				
PRC-010-0	R1	<p>The Load-Serving Entity, Transmission Owner, Transmission Operator, and Distribution Provider that owns or operates a UVLS program shall periodically (at least every five years or as required by changes in system conditions) conduct and document an assessment of the effectiveness of the UVLS program. This assessment shall be conducted with the associated Transmission Planner(s) and Planning Authority(ies).</p> <p>--</p> <p>R1.1: This assessment shall include, but is</p>	<p>The responsible entity conducted an assessment of the effectiveness of its UVLS system within 5 years or as required by changes in system conditions but did not include the associated Transmission Planner(s) and Planning Authority(ies).</p>	<p>The responsible entity did not conduct an assessment of the effectiveness of its UVLS system for more than 5 years but did in less than or equal to 6 years.</p> <p>OR</p> <p>The assessment of the effectiveness of the responsible entity's UVLS system did not address one of the elements in R1 (R1.1.1 through R1.1.3).</p>	<p>The responsible entity did not conduct an assessment of the effectiveness of its UVLS system for more than 6 years but did in less than or equal to 7years.</p> <p>OR</p> <p>The assessment of the effectiveness of the responsible entity's UVLS system did not address two of the elements in R1 (R1.1.1 through R1.1.3).</p>	<p>The responsible entity did not conduct an assessment of the effectiveness of its UVLS system for more than 7 years.</p> <p>OR</p> <p>The assessment of the effectiveness of the responsible entity's UVLS system did not address any of the elements in R1 (R1.1.1 through R1.1.3).</p>

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		<p>not limited to:</p> <p>R1.1.1: Coordination of the UVLS programs with other protection and control systems in the Region and with other Regional Reliability Organizations, as appropriate.</p> <p>R1.1.2: Simulations that demonstrate that the UVLS programs performance is consistent with Reliability Standards TPL-001-0, TPL-002-0, TPL-003-0 and TPL-004-0.</p> <p>R1.1.3: A review of the voltage set points and timing.</p>				