

British Columbia Utilities Commission

Implementation Plan – Establish and Communicate System Operating Limits Standards

Applicable Standard(s) and Definitions

- FAC-003-5 - Transmission Vegetation Management
- FAC-011-4 - System Operating Limits Methodology for the Operations Horizon
- FAC-014-3 - Establish and Communicate System Operating Limits
- IRO-008-3 - Reliability Coordinator Operational Analyses and Real-time Assessments
- PRC-002-3 - Disturbance Monitoring and Reporting Requirements
- TOP-001-6 - Transmission Operations
- Definition of System Voltage Limit in the Glossary of Terms Used in NERC Reliability Standards (“NERC Glossary”)
- Definition of System Operating Limit in the NERC Glossary

Requested Retirement(s)

- FAC-003-4 - Transmission Vegetation Management
- FAC-010-3 - System Operating Limits Methodology for the Planning Horizon
- FAC-011-3 - System Operating Limits Methodology for the Operations Horizon
- FAC-014-2 - Establish and Communicate System Operating Limits
- IRO-008-2 - Reliability Coordinator Operational Analyses and Real-time Assessments
- PRC-002-2 - Disturbance Monitoring and Reporting Requirements
- TOP-001-5 - Transmission Operations
- Currently effective definition of System Operating Limit

Effective Date

Reliability Standards FAC-003-5, FAC-011-4, FAC-014-3, IRO-008-3, PRC-002-3 and TOP-001-6 and the NERC Glossary terms “System Voltage Limit” and “System Operating Limit” shall become effective the first day of the first calendar quarter that is twenty-four (24) calendar months after the effective date of the BCUC order approving the standards and terms.

Retirement Date

Currently Effective Mandatory Reliability Standards

Reliability Standards FAC-003-4, FAC-010-3, FAC-011-3, FAC-014-2, IRO-008-2, PRC-002-2 and TOP-001-5 and the current definition of System Operating Limit adopted in B.C. shall be retired immediately prior to the effective dates of the Reliability Standards FAC-003-5, FAC-011-4, FAC-014-3, IRO-008-3, PRC-002-3, TOP-001-6 and the revised definition of System Operating Limit.

Provisions for Initial Compliance

- *FAC-003-5: Newly Designated Lines time period*
 - A line operated below 200kV and identified in the Applicability under 4.2 becomes subject to this standard the later of: 1) 12 months after the date the Planning Coordinator, Transmission Planner or the Western Electricity Coordination Council (WECC) identified the line in Applicability under 4.2, or 2) January 1 of the planning year when the line is forecasted to be identified in Applicability under 4.2.

A line operating below 200kV identified in Applicability under 4.2 may be removed from that designation due to system improvements, changes in generation, changes in loads, or changes in studies, and analysis of the network.

- *PRC-002-3 Requirements R2, R3, R4, R6, R7, R8, R9, R10, R11: Time Period to Address New Designations:*
 - Entities shall be 100 percent compliant with new BES Elements identified in Requirement R1 or R5 within three (3) years following the notification by the Transmission Operator or the Reliability Coordinator.
- *FAC-014-3, Requirement R6*
 - Requirement R6 shall be implemented by the Planning Coordinator or Transmission Planner following the effective date of FAC-014-3 when it begins its next cycle for conducting the studies to support its Planning Assessment.
- *FAC-014-3, Requirements R7 and R8*
 - Each Planning Coordinator and Transmission Planner shall comply with Requirements R7 and R8 within one year of the effective date of the standard.