

Mapping Document

Project 2015-09 Establish and Communicate System Operating Limits

Standard IRO-008-3		
Requirement in Approved Standard	Translation to New Standard or Other Action	Description and Change Justification
IRO-008-2, Requirement R1	IRO-008-3, Requirement R1	No modifications made.
IRO-008-2, Requirement R2	IRO-008-3, Requirement R2	No modifications made.
IRO-008-2, Requirement R3	IRO-008-3, Requirement R3	No modifications made.
IRO-008-2, Requirement R4	IRO-008-3, Requirement R4	No modifications made.
<p>IRO-008-2, Requirement R5</p> <p>R5. Each Reliability Coordinator shall notify impacted Transmission Operators and Balancing Authorities within its Reliability Coordinator Area, and other impacted Reliability Coordinators as indicated in its Operating Plan, when the results of a Real-time Assessment indicate an actual or expected condition that results in, or could result in, a</p>	<p>IRO-008-3, Requirement R5</p> <p>R5. Each Reliability Coordinator shall notify, in accordance with its SOL methodology, impacted Transmission Operators and Balancing Authorities within its Reliability Coordinator Area, and other impacted Reliability Coordinators as indicated in its Operating Plan, when the results of a Real-time Assessment indicate an</p>	<p>The inclusion of the terminology “in accordance with its SOL methodology, aligns the notification requirements with the communication requirements identified in FAC-011-4 Requirement R7 around communication of SOL exceedances.</p> <p>Proposed FAC-011-4 R7 requires the RC to include in its SOL methodology a risk-based approach for determining how SOL exceedances are identified as part of Real-time monitoring and Real-time Assessments</p>

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System Operating Limit (SOL) or Interconnection Reliability Operating Limit (IROL) exceedance within its Wide Area. <i>[Violation Risk Factor: High] [Time Horizon: Same-Day Operations, Real-time Operations]</i>	actual or expected condition that results in, or could result in, a System Operating Limit (SOL) or an Interconnection Reliability Operating Limit (IROL) exceedance within its Wide Area. <i>[Violation Risk Factor: High] [Time Horizon: Same-Day Operations, Real-time Operations]</i>	must be communicated and if so, with what priority. This will ensure communication consistency regarding SOL exceedances within an RC’s area between the RC and its TOPs. Without the addition of this reference, there is no joint method for use by the RC and TOP when communicating with regard to SOL exceedances.
<p>IRO-008-2, Requirement R6</p> <p>Each Reliability Coordinator shall notify impacted Transmission Operators and Balancing Authorities within its Reliability Coordinator Area, and other impacted Reliability Coordinators as indicated in its Operating Plan, when the System Operating Limit (SOL) or Interconnection Reliability Operating Limit (IROL) exceedance identified in Requirement R5 has been prevented or mitigated. <i>[Violation Risk Factor: Medium] [Time Horizon: Same-Day Operations, Real-time Operations]</i></p>	<p>IRO-008-3, Requirement R6</p> <p>Each Reliability Coordinator shall notify, in accordance with SOL methodology, impacted Transmission Operators and Balancing Authorities within its Reliability Coordinator Area, and other impacted Reliability Coordinators as indicated in its Operating Plan, when the System Operating Limit (SOL) or Interconnection Reliability Operating Limit (IROL) exceedance identified in Requirement R5 has been prevented or mitigated. <i>[Violation Risk Factor:</i></p>	<p>The inclusion of the terminology “in accordance with its SOL methodology, aligns the notification requirements with the communication requirements identified in FAC-011-4 Requirement R7 around communication of SOL exceedances.</p> <p>Proposed FAC-011-4 R7 requires the RC to include in its SOL methodology a risk-based approach for determining how SOL exceedances are identified as part of Real-time monitoring and Real-time Assessments must be communicated and if so, with what priority. This will ensure communication consistency regarding SOL exceedances within an RC’s area between the RC and its</p>

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	<i>Medium] [Time Horizon: Same-Day Operations, Real-time Operations]</i>	TOPs. Without the addition of this reference, there is no joint method for use by the RC and TOP when communicating with regard to SOL exceedances.