

Summary of Proposed Reliability Standards: EOP-011-3 and EOP-012-1

Proposed Reliability Standard EOP-012-1 (Extreme Cold Weather Preparedness and Operations) and proposed Reliability Standard EOP-011-3 (Emergency Operations)

Details of Standard(s) Development

Reliability Standards Authority: NERC

Standard(s)	<ul style="list-style-type: none">EOP-011-3 – Emergency OperationsEOP-012-1 – Extreme Cold Weather Preparedness
Purpose	<p>EOP-011-3: To address the effects of operating Emergencies by ensuring each Transmission Operator and Balancing Authority has developed plan(s) to mitigate operating Emergencies and that those plans are implemented and coordinated within the Reliability Coordinator Area as specified within the requirements.</p> <p>EOP-012-3: To address the effects of operating in extreme cold weather by ensuring each Generator Owner has developed and implemented plan(s) to mitigate the reliability impacts of extreme cold weather on its generating units.</p>
Change Type:	FERC Directive
Affected Functional Entities:	<ul style="list-style-type: none">Balancing Authority (BA)Reliability Coordinator (RC)Transmission Operator (TOP)Generator Operator (GOP)Generator Owner (GO)
Ballot Results:	<ul style="list-style-type: none">EOP-011-3 96% Quorum / 84% ApprovalEOP-012-1 96% Quorum / 79% Approval
Ontario Participant Support:	<ul style="list-style-type: none">There were 300 votes cast by NERC registered entities.3 OEB rate-regulated entities voted (3/300). OEB-rate regulated GO/GOP voted affirmative.

Impact Within Ontario

The IESO is registered with NERC as the Balancing Authority, Reliability Coordinator and Transmission Operator for Ontario. No technical or material financial impact is anticipated with the proposed standard requirements in EOP-011-3 for the IESO.

Ontario Generators currently have the freeze protection measures proposed in EOP-012-1.

Standard Development Milestones

Date	Action
October 26, 2022	<ul style="list-style-type: none">Adopted by NERC Board of Trustees
October 28, 2022	<ul style="list-style-type: none">NERC Petition for Approval
December 12, 2022	<ul style="list-style-type: none">IESO Posting Date
April 11, 2023	<ul style="list-style-type: none">End of OEB Review Period
TBD	<ul style="list-style-type: none">FERC Order Issued
TBD	<ul style="list-style-type: none">US Mandatory Enforcement Date
TBD	<ul style="list-style-type: none">Ontario Enforcement Date (Milestones in Reliability Standard Development and Lifecycle)

Summary

Proposed Reliability Standard EOP-011-3 builds upon Reliability Standard EOP-011-2 on how Transmission Operators account for the overlap of manual load shed and automatic load shed in their emergency Operating Plans.

Proposed Reliability Standard EOP-012-1 is a new Reliability Standard that builds on the cold weather preparedness plan and training requirements currently found in Reliability Standard EOP-011-2 to include requirements for freeze protection measures for both new and existing generation, the

development of enhanced cold weather preparedness plans and annual training on those plans, and the development and implementation of Corrective Action Plans to address freezing issues.

Other Salient Information

Stakeholder Consultation

NERC Reliability Standards Development Procedure

- NERC develops Reliability Standards in accordance with Section 300 (Reliability Standards Development) of its Rules of Procedure and the NERC Standard Processes Manual;
- NERC's rules provide for reasonable notice and opportunity for public comment, due process, openness, and a balance of interests in developing Reliability Standards;
- The development process is open to any person or entity with a legitimate interest in the reliability of the Bulk Power System. NERC considers the comments of all stakeholders;
- Stakeholders must approve, and the NERC Board of Trustees must adopt, a new or revised Reliability Standard before NERC submits the Reliability Standard to FERC for approval;
- NERC provided public notices for comments and balloting as follows:
 - Standard Authorization Request: November 22 – December 21, 2021
 - Draft 1 of Proposed Changes: May 19, 2022 – June 21, 2022
 - Draft 2 of Proposed Changes: August 23 – September 1, 2022
 - Final Draft of Proposed Changes: September 23 – September 30, 2022

IESO Reliability Standards Standing Committee

- The purpose of the Reliability Standards Standing Committee (RSSC) is to assist market participants to develop a more comprehensive understanding of their reliability obligations by:
 - Notifying participants of reliability-related information on new and developing reliability standards;
 - Providing a forum to discuss and develop consensus comments on new and developing reliability standards; and
 - Engaging participants in the standard development process of NERC and NPCC.
- The majority of stakeholder engagement takes place by email communications and is open to any stakeholder wishing to join
- The IESO presented the proposed changes at the following RSSC meetings:
 - October 21, 2021
 - April 14, 2022
 - August 25, 2022
 - December 12, 2022