

Summary of Proposed Reliability Standard: EOP-004-5

Proposed Reliability Standards EOP-004-5 – Event Reporting

Details of Standard(s) Development

Reliability Standards Authority: NERC

Standard(s)	EOP-004-5 – Event Reporting
Purpose	To improve the reliability of the Bulk Power System by requiring the reporting of events by Responsible Entities.
Change Type:	Revisions
Affected Functional Entities:	- Reliability Coordinator (RC) - Balancing Authority (BA) - Transmission Owner (TO) - Transmission Operator (TOP) - Generator Owner (GO) - Generator Operator (GOP) - Distribution Provider (DP)
Ballot Results:	88.13 % Quorum / 91.37 % Approval
Ontario Participant Support:	There were 245 votes cast by NERC registered entities. 3 OEB rate-regulated entities voted (3/245) Affirmative.
Impact Within Ontario	Not Assessed.

Standards Development Milestones¹

Date	Action
June 17, 2026	• Adopted by NERC Board of Trustees
July 10, 2026	• NERC Petition for Approval
July 13, 2026	• IESO Posting Date
November 10, 2026	• End of OEB Review Period

Summary

EOP-004-5 revises EOP-004-4 to address concerns that the existing generation-loss reporting criteria do not adequately capture disturbance events involving inverter-based resources. The standard adds a new reportable event type for unexpected IBR generation loss in Attachment 1, establishes Interconnection-specific reporting thresholds, and requires evaluation of losses occurring within a 30-second period following a disturbance. The standard also introduces a new Attachment 2 that provides the calculation methodology used by Balancing Authorities to determine whether the IBR loss threshold has been met using aggregated pre- and post-disturbance telemetry data. In addition, Attachment 2 of EOP-004-4 is redesignated as Attachment 3, and clarifying revisions are made to Requirements R1 and R2 regarding reporting obligations and timing. The revisions are intended to ensure that significant IBR disturbances are identified and reported in a timely manner and to support more effective disturbance analysis by NERC and the Regional Entities.

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;

¹ The next steps will be the issuance of the FERC Order followed by determination of the [Ontario Enforcement Date](#).

- NERC provided public notices for comments and balloting as follows:
 - RSTC endorsed the SAR: December 6, 2022
 - Standard Authorization Request Posted: July 2 – August 3, 2023
 - First Formal Posting: August 30 – September 11, 2023
 - First Informal Posting: February 12 – March 27, 2024
 - Second Formal Posting: November 21, 2025 – January 14, 2026
 - Final Ballot: February 24 – March 5, 2026
 - Final Posting: Final documents for EOP-004-5 were posted on March 27, 2026 without an associated final ballot. A final ballot was not associated with this posting because the previous ballot achieved at least 85% weighted segment approval. Per Section 4.13 of the SPM, a final ballot was not required.

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:
 - March 8, 2023
 - September 14, 2023
 - March 14, 2024
 - March 12, 2026
 - June 30, 2026