Summary of Errata and Supplemental Petition of NERC for Approval of CIP Reliability Standards

CIP Reliability Standards addressing virtualizations and other matters identified during implementation of previous CIP Reliability Standards versions.

Details of Standard(s) Development

Reliability Standards Authority: North American Electric Reliability Corporation (NERC)

Standard(s)	• CIP-002-7 - Cyber Security – BES Cyber System Categorization • CIP-003-10 - Cyber Security – Security Management Controls • CIP-004-8 - Cyber Security – Personnel & Training • CIP-005-8 - Cyber Security – Electronic Security Perimeter(s) • CIP-006-7 - Cyber Security – Physical Security of BES Cyber Systems • CIP-007-7 - Cyber Security – Systems Security Management • CIP-008-7 - Cyber Security – Incident Reporting and Response Planning • CIP-009-7 - Cyber Security – Recovery Plans for BES Cyber Systems • CIP-010-5 - Cyber Security – Configuration Change Management and Vulnerability Assessments • CIP-011-4 - Cyber Security – Information Protection • CIP-013-3 - Cyber Security – Supply Chain Risk Management

Purpose	The Errata and Supplemental Petition corrects non-substantive editorial issues and provides additional clarity and technical justification in support of the original July 10, 2024 petition for approval of revised CIP Reliability Standards (Docket No. RM24-8-000). The goal is to enable the secure adoption of virtualized and policy-driven architectures while maintaining a consistent and effective compliance framework.
Change Type:	FERC DIRECTIVE
Affected Functional Entities:	• Balancing Authority (BA) • Distribution Provider (DP) • Generator Operator (GOP) • Generator Owner (GO) • Reliability Coordinator (RC) • Transmission Operator (TOP) • Transmission Owner (TO)
Ballot Results:	The Errata and Supplemental Petition does not include a new ballot process.
Ontario Participant Support:	No new ballot was conducted specific to the Errata and Supplemental Petition.
Impact Within Ontario	Not Assessed.

Standards Development Milestones[1]

Date	Action
May 9, 2024	• Adopted Originally by NERC Board of Trustees
May 20, 2025	• NERC Date for Supplemental Petition for Approval
May 27, 2025	• IESO Posting Date
September 24, 2025	• End of OEB Review Period

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

Summary

Standard(s) (Errata):

Errata apply to the following proposed standards, as amended to correct editorial issues:

CIP-006-7.1 – Cyber Security – Physical Security of BES Cyber Systems

CIP-007-7.1 – Cyber Security – Systems Security Management

CIP-008-7.1 – Cyber Security – Incident Reporting and Response Planning

CIP-009-7.1 – Cyber Security – Recovery Plans for BES Cyber Systems

CIP-011-4.1 – Cyber Security – Information Protection

Standard(s) (Supplemental Clarifications):

Supplemental corrections and justifications apply to:

CIP-003-10 – Cyber Security – Security Management Controls

CIP-011-4.1 – Cyber Security – Information Protection

Errata: To correct an editorial error in the referencing of the term "Electronic Access Control or Monitoring System (EACMS)", which was mistakenly listed as "and" in several requirement parts. NERC affirms the correction does not alter the scope or intent of the Reliability Standards or affect their implementation.

Supplemental Information: To clarify technical justifications for changes in CIP-003-10 and CIP-011-4.1, reinforce the rationale for objective-based requirements, and explain new or revised definitions related to virtualization (e.g., Shared Cyber Infrastructure, Virtual Cyber Asset). These clarifications do not modify the proposed requirements but are intended to aid regulators and Responsible Entities in interpretation and application. Supplemental information includes revised approach to Electronic Access Control, Revised Approach to Ports and Service Management, revise approach to Configuration Change Management and clarification on definition and phrases including, Shared Cyber Infrastructure, Management Interface and Technical Feasibility Exception.

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 Development: June 15, 2022
- Informal comment Period: September 13 – October 5, 2023
- First Posting BAL-007-1: January 14 – March 11, 2024
- Second Posting BAL-007-1: May 7 – June 24, 2024
- First Posting TOP-003-7 September 19 – November 4, 2024
- Third Posting BAL-007-1: October 25 – November 4, 2024
- Final Ballot: November 25 – December 4, 2024

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:
  - April 13, 2017
  - September 15, 2017
  - January 18, 2018
  - September 16, 2019
  - November 25, 2019
  - March 11, 2021
  - June 10, 2021
  - October 21, 2021
  - April 14, 2022
  - August 22, 2022
  - September 14, 2023
  - March 14, 2024
    June 13, 2024