

# Summary of Proposed Reliability Standard: CIP-003-11

Proposed Reliability Standard CIP-003-11 - Cyber Security — Security Management Controls

## Details of Standard(s) Development

Reliability Standards Authority: NERC

Standard(s)	<ul style="list-style-type: none"><li>CIP-003-11– Cyber Security — Security Management Controls</li></ul>
Purpose	To specify consistent and sustainable security management controls that establish responsibility and accountability to protect BES Cyber Systems against compromise that could lead to misoperation or instability in the Bulk Electric System (BES).
Change Type:	FERC DIRECTIVE
Affected Functional Entities:	<ul style="list-style-type: none"><li>Balancing Authority (BA)</li><li>Distribution Provider (DP)</li><li>Generator Operator (GOP)</li><li>Generator Owner (GO)</li><li>Reliability Coordinator (RC)</li><li>Transmission Operator (TOP)</li><li>Transmission Owner (TO)</li></ul>
Ballot Results:	<ul style="list-style-type: none"><li>CIP-003-11 87.67 % Quorum / 93.89 % Approval</li></ul>
Ontario Participant Support:	<ul style="list-style-type: none"><li>CIP-003-11: There were 256 votes cast by NERC registered entities. 1 OEB rate-regulated entities voted (1/ 256) Affirmative.</li></ul>
Impact Within Ontario	Not Assessed.

## Standard Development Milestones

Date	Action
December 10, 2024	• Adopted by NERC Board of Trustees
December 20, 2024	• NERC Petition for Approval
December 23, 2024	• IESO Posting Date
April 22, 2025	• End of OEB Review Period
TBD	• FERC Order Issued
TBD	• US Mandatory Enforcement Date
TBD	• Ontario Enforcement Date (Milestones in Reliability Standard Development and Lifecycle)

## Summary

Proposed Reliability Standard CIP-003-11 would mitigate the risks posed by a coordinated attack utilizing distributed low impact BES Cyber Systems by adding controls to authenticate remote users, protecting the authentication information in transit, and detecting malicious communications to or between assets containing low impact BES Cyber Systems with external routable connectivity.

## 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:
  - Standards Committee approved Standard Authorization Request (SAR) for posting: March 22, 2023
  - SAR posted for comment: March 31 – May 15, 2023
  - First Posting: October 24 – December 7, 2023
  - Second Posting: January 30 – March 14, 2024
  - Third Posting: June 12 – July 11, 2024
  - Forth Posting: September 11 – October 10, 2024
  - Additional ballot: October 1 – 10, 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:
  - September 14, 2023
  - March 14, 2024