

# Summary of Proposed Reliability Standard: CIP-002-8

Proposed Reliability Standard CIP-002-8 — Cyber Security - BES Cyber System Categorization

## Details of Standard(s) Development

Reliability Standards Authority: NERC

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Standard(s)	<ul style="list-style-type: none"><li>CIP-002-8 — Cyber Security - BES Cyber System Categorization</li></ul>
Purpose	To identify and categorize BES Cyber Systems (BCS) and their associated BES Cyber Assets (BCA) for the application of cyber security requirements commensurate with the adverse impact that loss, compromise, or misuse of those BCS could have on the reliable operation of the Bulk Electric System (BES). Identification and categorization of BCS support appropriate protection against compromises that could lead to misoperation or instability in the 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-002-8: 90.24 % Quorum / 87.12 % Approval</li></ul>
Ontario Participant Support:	<ul style="list-style-type: none"><li>CIP-002-8: There were 268 votes cast by NERC registered entities. 2 OEB rate-regulated entities voted (2/268). One was Negative and one was Abstain.</li></ul>

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## Standard Development Milestones

Date	Action
December 10, 2024	<ul style="list-style-type: none"> <li>Adopted by NERC Board of Trustees</li> </ul>
December 20, 2024	<ul style="list-style-type: none"> <li>NERC Petition for Approval</li> </ul>
December 23, 2024	<ul style="list-style-type: none"> <li>IESO Posting Date</li> </ul>
April 22, 2025	<ul style="list-style-type: none"> <li>End of OEB Review Period</li> </ul>
TBD	<ul style="list-style-type: none"> <li>FERC Order Issued</li> </ul>
TBD	<ul style="list-style-type: none"> <li>US Mandatory Enforcement Date</li> </ul>
TBD	<ul style="list-style-type: none"> <li>Ontario Enforcement Date (Milestones in Reliability Standard Development and Lifecycle)</li> </ul>

## Summary

Consistent with prior CIP-002 versions, the purpose of proposed Reliability Standard CIP002-8 is to identify and categorize BES Cyber Systems and their associated assets as low, medium, or high impact. Proposed Reliability Standard CIP-002-8 would enhance reliability by providing for improved risk identification, which in turn would allow Responsible Entities to focus resources on protecting assets that pose a higher risk to reliability if unavailable, degraded, or compromised. The proposed revisions would address the categorization of Transmission Owner Control Centers that have the capability to control transmission Facilities and thus perform the functional obligations of a Transmission Operator.

## 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 and Project Initiation:  
March 17, 2021
  - The Standards Committee posted solicitation for Project members:  
March 21 – April 27, 2021
  - First Posting: September 26 – November 9, 2023
  - Second Posting: April 2 – May 16, 2024
  - Third Posting: August 29 – October 15, 2024
  - Forth ballot: November 13 – 22, 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:
  - June 15, 2023
  - September 14, 2023
  - March 14, 2024
  - June 13, 2024
  - September 12, 2024