

Agenda

Board of Trustees Mid-year Meeting

June 17, 2026 | 3:30 – 5:30 p.m. Eastern

In-Person (*Board, MRC, NERC Staff ONLY*)

NERC DC Office
1401 H Street NW, Suite 410
Washington, D.C. 20005

Virtual Attendees (*including presenters*)

Webinar Link: [Join Meeting](#)
Attendees Password: BoardJun26WDC (26273586 when dialing from a phone)
Audio Only: +1-415-655-0002 US | +1-416-915-8942 Canada | Access Code: 230 530 06490

NERC Board of Trustees

Suzanne Keenan, Chair
Larry Irving, Vice Chair
Jane Allen
Kenneth W. Defontes, Jr.
George S. Hawkins
Susan Kelly
Robin E. Manning
Jim Piro
Jim Robb, NERC President and CEO
Kristine Schmidt
Colleen Sidford
Ron Talbot

Call to Order

[NERC Antitrust Compliance Guidelines](#)
[NERC Participant Conduct Policy](#)

Introduction and Chair's Remarks

Consent Agenda - Approve

1. **Minutes***
 - a. April 16, 2026 Open Meeting
 - b. February 12, 2026 Open Meeting
2. **Committee Membership***
 - a. Reliability Issues Steering Committee Vice Chair Appointment

RELIABILITY | RESILIENCE | SECURITY

POWERING TODAY. PROTECTING TOMORROW.

Regular Agenda

3. Remarks

- a. Remarks by Laura Swett, Chairman, Federal Energy Regulatory Commission
- b. Remarks by Derek Olmstead, President and CEO Alberta MSA, CAMPUT Representative
- c. Remarks by Doug Cannon, Member Executive Committee (MEC) Chair
- d. ERO Enterprise Remarks
 - i. NERC President's Report
 - ii. Regional Entity Co-Chair Remarks
- e. Board of Trustees Closed Meeting Summary

4. Key Discussions and/or Action Items

- a. Proposal to Amend Board Composition: Reducing Total Trustees to 11 - **Approve**
- b. Standards Actions*
 - i. EOP-004-5 (IBR Event Reporting) – **Adopt**
 - ii. CIP-015-2 (Internal Network Security Monitoring) – **Adopt**
 - iii. CIP-014-4 (Physical Security) – **Adopt**
- c. Modernization of Standards Process and Procedures Implementation* - **Update**
- d. Large Load Initiative* - **Update**
- e. Input Letter and Member Representatives Committee Meeting

5. Other Matters and Adjournment

*Background materials included.

DRAFT Minutes

Board of Trustees

April 16, 2026

Virtual

Call to Order

Ms. Suzanne Keenan, Chair, called to order the duly noticed open meeting of the Board of Trustees (Board) of the North American Electric Reliability Corporation (NERC or the Corporation) on April 16, 2026, at approximately 12:00 p.m. Eastern, and a quorum was declared present.

Present at the meeting were:

Board Members

Suzanne Keenan, Chair
Larry Irving, Vice Chair
Jane Allen
Kenneth W. DeFontes, Jr.
George S. Hawkins
Susan Kelly
Robin E. Manning
Jim Piro
Jim Robb, NERC President and CEO
Kristine Schmidt
Colleen Sidford
Ron Talbot

NERC Staff

Michael Ball, Chief Executive Officer of the E-ISAC
Tina Buzzard, Director, Board Operations and Corporate Governance
Todd Carter, Vice President, Business Technology
Matthew Duncan, Vice President, E-ISAC Security Operations and Intelligence
Howard Gugel, Senior Vice President, Regulatory Oversight
Kelly Hanson, Chief Operating Officer
Fritz Hirst, Vice President, Government Affairs
Soo Jin Kim, Vice President, Standards and Registration
Mark G. Lauby, Chief Engineer and NERC Fellow
Kimberly Mielcarek, Vice President, Communications
Sônia Rocha, General Counsel and Corporate Secretary
Liz Saunders, Vice President, People and Operations
Camilo Serna, Senior Vice President, Strategy and External Engagement
Andy Sharp, Chief Financial Officer
Bluma Sussman, Vice President, E-ISAC Stakeholder Engagement

NERC Antitrust Compliance Guidelines

Ms. Buzzard directed the participants' attention to the NERC Antitrust Compliance Guidelines included in the advance agenda package and indicated that all questions regarding antitrust compliance or related matters should be directed to Ms. Rocha, and she confirmed quorum.

Introduction and Chair's Remarks

Chair Keenan welcomed the attendees to the meeting. She reviewed the objectives for the meeting highlighting the presentation on the Level 3 alert that will be published on or about May 4, 2026. She also touched on the review of the proposed amendments to the Nova Scotia Memorandum of Understanding (MOU).

Level 3 Alert Essential Actions to Industry Computational Load Modeling, Studies, Instrumentation, Commissioning, Operations, Protection, and Control

Ms. Harkness and Mr. Moore presented on the Level 3 Alert Essential Actions to Industry Computational Load Modeling, Studies, Instrumentation, Commissioning, Operations, Protection, and Control. They discussed that NERC determined a set of immediate, Essential Actions that registered entities should take to reduce the risk to the bulk power system (BPS) and warrant issuance via a Level 3 Alert.

Ms. Harkness and Mr. Moore explained that this Level 3 Alert is set to be issued to Transmission Owners (TO), Transmission Planners (TP), Planning Coordinators (PC), Transmission Operators (TOPs), Reliability Coordinators (RCs), and Balancing Authorities (BAs) to implement changes to the modeling, studies, monitoring, commissioning, operation, protection, and control of computational loads in order to mitigate specific risks to the BPS. In the draft Essential Action these entities will be asked a combination of multiple choice and open text response questions to evaluate the implementation of the Essential Actions in the Level 3 Alert.

After discussion, and upon motion duly made and seconded, the Board approved the following resolutions:

WHEREAS, since 2022, NERC has analyzed numerous load loss events across both the Eastern Interconnection and the Texas interconnection resulting from unexpected disconnection of computational loads, losses which were not predicted through the current planning studies;

WHEREAS, in September 2025, NERC published a Level 2 Alert: Large Load Interconnection, Study, Commissioning, and Operations, and the responses to this Level 2 Alert showed that computational loads such as those at data centers could increase exponentially in the next four years, and that there are significant risks that need to be addressed through immediate industry actions spanning power system modeling, studies, commissioning, and operations;

WHEREAS, the Board has the authority under Section 800 of the NERC Rules of Procedure to approve the issuance of Essential Actions to Industry, containing specific actions that NERC has determined are essential for certain segments of owners, operators, or users of the BPS to take to ensure the reliability of the BPS;

WHEREAS, the Board has determined that it is essential to ensure the reliability of the bulk power system for Registered Entities to take certain steps to enhance technical minimum requirements, study processes, and modeling accuracy to predict and mitigate risks posed by large computational loads;

NOW, THEREFORE, BE IT RESOLVED, that the Board hereby approves the Level 3 Alert Essential Actions to Industry: Computational Load Modeling, Studies, Instrumentation, Commissioning, Operations, Protection, and Control, substantially in the form presented to the Board at this meeting, together with such changes as are approved by NERC's Chief Executive Officer based on stakeholder feedback.

Amendment to Nova Scotia Memorandum of Understanding

Mr. Gugel presented the amendments made to the 2010 MOU between Nova Scotia Power, NERC, and NPCC. Nova Scotia, NERC and the Nova Scotia Utility and Review Board (NSUARB) entered into a MOU in 2006 (2006 MOU). The 2006 MOU included acknowledgement that NERC had been certified as the Electric Reliability Organization (ERO) in the United States and that NSUARB has regulatory authority over electric utilities operating in Nova Scotia.

NERC and the Northeast Power Coordinating Council (NPCC) entered into an MOU with Nova Scotia Power, Inc. (Nova Scotia Power) in 2010 (2010 MOU). The 2010 MOU establishes that Nova Scotia Power will comply with NSUARB-approved NERC Reliability Standards, establishes a mechanism for review, comment, and approval of NERC Reliability Standards in Nova Scotia, and subjects Nova Scotia Power to NERC's CMEP as implemented by NPCC.

The proposed Amended MOU amends the existing 2010 MOU between NERC, NPCC, and Nova Scotia Power by adding Nova Scotia Independent Energy System Operator (IESO-NS) as a party to the MOU; providing a mechanism and structure for NPCC to perform compliance monitoring and enforcement activities with respect to NERC Reliability Standards applicable to IESO-NS; replacing references to the NSUARB with references to the Nova Scotia Energy Board (NSEB); and updating points of contact for the parties.

After discussion, and upon motion duly made and seconded, the Board approved the following resolutions:

WHEREAS, the Nova Scotia Utility and Review Board ("NSUARB") was charged under Nova Scotia law with authority over all electric utilities within Nova Scotia, pursuant to the Nova Scotia Public Utilities Act, and the NSUARB and NERC memorialized an agreement in 2006 with respect to NSUARB's adoption of NERC-approved Reliability Standards and mandatory compliance with NSUARB-approved Reliability Standards in Nova Scotia;

WHEREAS, Nova Scotia Power Incorporated ("Nova Scotia Power"), a public utility in Nova Scotia, NERC, and NPCC memorialized an agreement in 2010 with respect to the development and application of NSUARB-approved NERC Reliability Standards in Nova Scotia and that Nova Scotia Power Incorporated, as a registered entity, would be subject to NERC's Compliance Monitoring and Enforcement Program ("CMEP"), as implemented by NPCC;

WHEREAS, the 2010 Memorandum of Understanding is the main governing document setting forth Nova Scotia Power's, NPCC's, and NERC's roles and responsibilities regarding Reliability Standard and CMEP activities in Nova Scotia;

WHEREAS, the Nova Scotia More Access to Energy Act created the Nova Scotia Independent Energy System Operator ("IESO-NS") with a statutory mandate that includes performing reliability functions that were previously performed by Nova Scotia Power in Nova Scotia;

WHEREAS, the Energy and Regulatory Boards Act created the Nova Scotia Energy Board ("NSEB"), which assumed certain regulatory responsibilities previously held by the NSUARB with respect to NERC Reliability Standards in the Province of Nova Scotia;

WHEREAS, the reliability functions that have been or will be transferred from Nova Scotia Power to the IESO-NS have been subject to oversight by NPCC, and the evaluation of IESO-NS's compliance in the performance of the reliability functions is a key reliability objective;

WHEREAS, Nova Scotia Power, NERC, and NPCC seek to revise the 2010 Memorandum of Understanding to add IESO-NS as a party to the agreement and to replace references to the NSUARB with references to the NSEB;

NOW, THEREFORE, BE IT RESOLVED, that the Board hereby approves the Amendment to the 2010 Memorandum of Understanding between Nova Scotia Power, NERC, and NPCC on substantially the terms and conditions presented to the Board, together with such changes as are approved by NERC's Chief Executive Officer.

BE IT FURTHER RESOLVED, that each of NERC's Chief Executive Officer and General Counsel, are hereby authorized to execute and deliver, on behalf of NERC, the Amendment to the 2010 Memorandum of Understanding.

Other Matters and Adjournment

There being no further business, and upon motion duly made and seconded, the meeting was adjourned.

Submitted by,



Sônia Rocha
Corporate Secretary

DRAFT Minutes

Board of Trustees Annual Meeting

February 12, 2026 | 10:30 a.m. – 1:00 p.m. Eastern

JW Marriott Savannah Plant Riverside District
500 West River Street
Savannah, GA 31401

Call to Order

Ms. Suzanne Keenan, Chair called to order the duly noticed open meeting of the Board of Trustees (the Board) of the North American Electric Reliability Corporation (NERC or the Corporation) on February 12, 2026, at approximately 10:30 a.m. Eastern, and a quorum was declared present.

Present at the meeting were:

Board Members

Suzanne Keenan, Chair
Larry Irving, Vice Chair
Jane Allen
Kenneth W. Defontes, Jr.
George S. Hawkins
Susan Kelly
Robin E. Manning
Jim Piro
Jim Robb, NERC President and CEO
Kristine Schmidt
Colleen Sidford
Ron Talbot

NERC Staff

Michael Ball, Chief Executive Officer of the E-ISAC (Virtual)
Tina Buzzard, Director, Board Operations and Corporate Governance
Todd Carter, Vice President, Business Technology
Matthew Duncan, Vice President, E-ISAC Security Operations and Intelligence
Howard Gugel, Senior Vice President, Regulatory Oversight
Kelly Hanson, Chief Operating Officer
Fritz Hirst, Vice President, Government Affairs
Soo Jin Kim, Vice President, Standards and Registration
Mark G. Lauby, Chief Engineer and NERC Fellow
Kimberly Mielcarek, Vice President, Communications
Sônia Rocha, General Counsel and Corporate Secretary
Liz Saunders, Vice President, People and Operations
Camilo Serna, Senior Vice President, Strategy and External Engagement
Andy Sharp, Chief Financial Officer
Bluma Sussman, Vice President, E-ISAC Stakeholder Engagement

NERC Antitrust Compliance Guidelines

Ms. Buzzard directed the participants' attention to the NERC Antitrust Compliance Guidelines included in the advance agenda package and indicated that all questions regarding antitrust compliance or related matters should be directed to Ms. Rocha, and she confirmed quorum.

Introduction and Chair's Remarks

Ms. Keenan welcomed the attendees to the meeting. Ms. Keenan expressed her gratitude for the discussion and openness during the meetings. She thanked the MRC and its Chair John Haarlow and Vice Chair Matt Fischesser, for their active engagement. Ms. Keenan also welcomed the newest Trustee Ron Talbot to the meetings and gave him an opportunity to say a few words. In closing, Ms. Keenan acknowledged the continued stakeholder collaboration and the importance of remaining adaptable in these exciting times.

Consent Agenda

Before presenting the Consent Agenda to the Trustees for approval, Chair Keenan called on Chair Schmidt who requested to have the Standing Committee Governance Guidelines item removed from the Consent Agenda and added to the end of the agenda for discussion. Chair Keenan noted that the item has been removed from the consent agenda and requested approval of the remaining items. Upon motion duly made and seconded, the Board approved the consent agenda as follows:

Minutes

The draft minutes for the December 5, 2025 meeting were approved as presented to the Board at this meeting.

Committee Membership

Personnel Certification and Governance Committee Membership

RESOLVED, that the Board hereby appoints the following individuals to the Personnel Certification and Governance Committee, each for a two-year term ending December 31, 2027:

- Michael Hoke, PJM (current PCGC Chair)
- Michael Sandidge, Pedernales Electric Cooperative, Inc. (PECI)
- Daniel Morse, FRCC
- Tyler Springer, AEP
- Derek Scott, Manitoba Hydro

Reliability and Security Technical Committee Membership

RESOLVED, that the Board hereby appoints the following individuals to the Reliability and Security Technical Committee ("RSTC"), for the terms listed below:

Members for Board Appointment – 2026-2028	
RSTC Leadership	Elected Members
RSTC Chair	John Stephens, City Utilities of Springfield
RSTC Vice Chair	Srinivas Kappagantula, Arevon Energy
RSTC Sector	Elected Members
1. Investor-owned utility	Vinit Gupta (ITC Holdings)
2. State/municipal utility	David Grubbs (City Of Garland)
3. Cooperative utility	Nathan Brown (GSOC)
4. Federal or provincial utility/Federal Power Marketing Administration	Wayne Guttormson (SaskPower)
5. Transmission dependent utility	John Lemire (NCEMC)
6. Merchant electricity generator	Brett Kruse (Calpine) 2026-2028, Rhonda Jones (Invenergy) 2026-2027
7. Electricity Marketer	Jodirah Green (ACES Power)
8. Large end-use electricity customer	Venona Greaff (OXY) 2026-2027 Michael Della Penna (Google) 2026-2028
9. Small end-use electricity customer	T. David Wand (New Jersey Division of Rate Counsel)
10. Independent system operator/ regional transmission organization	Aaron Markham (NYISO)
12. State Government	Cezar Panait (Minnesota Public Utilities Commission)
At-large Members	
Rich Hydzik	Avista (2026-2028)
Dede Sabatki	CAISO (2026-2028)
Ahmed Maria	IESO (2026-2028)
Monica Jain	SCE (2026-2028)
Truong Le	Acciona (2026-2028)
David Mulcahy	Illuminate (2026-2027)
Kyle Thomas	Elevate Energy (2026-2027)

Reliability Issues Steering Committee Membership

RESOLVED, that the Board hereby appoints to the Reliability Issues Steering Committee (“RISC”) the following At-Large and Member Representatives Committee (MRC) representatives for a two-year term concluding January 31, 2028 and the Standing Committee representatives for a one-year term concluding January 31, 2027:

At-Large Members

- Morenike Miles - Dominion Energy (Nominated as RISC Chair)
- Teresa Mogensen – ATC (Current RISC Chair)
- David Ball – AEP
- Elaine Kwarcinski – Southern Company
- Angel Cardoza – Consolidated Edison Company of New York, Inc.
- Sean Gallagher – SEIA

- Mark Ahlstrom – NextEra Energy Resources, LLC
- Jim Jones – Great River Energy
- Robin Berry – National Grid
- David Heitzer – BP Energy Retail Company
- Bill Zuretti – EPSA
- Dr. Renuka Chatterjee – Midcontinent Independent System Operator, Inc.
- David Souder – PJM Interconnection LLC
- Nicola Presutti – IESO

MRC Members

- Tim Smith, General Manager, TVA
- Karen Onaran, ELCON

Standing Committees

- Daniela Hammons, CenterPoint Energy CCC Member
- John Stephens, City Utilities of Springfield RSTC Member
- Todd Bennett, SC Member

Governance Document Amendments

CCCPP-011-4 – Procedure to Become a Prequalified Organization for Implementation Guidance

RESOLVED, that the Board hereby approves the Compliance and Certification Committee (“CCC”) procedure document CCCPP-011-4 – Procedure to Become a Prequalified Organization Eligible to Submit Implementation Guidance to the ERO, substantially in the form presented to the Board at the meeting.

CCCPP-008-4 – Program for Monitoring Stakeholders’ Perceptions

RESOLVED, that the Board hereby approves the CCC procedure document CCCPP-008-4 - Program for Monitoring Stakeholders’ Perceptions, substantially in the form presented to the Board at the meeting.

NERC Standing Committee Governance Guidelines were removed from the consent agenda by recommendation of Chair Schmidt of the Corporate Governance and Human Resources Committee and are deferred until a later date.

Proposed Amendments to the Bylaws of the Western Electricity Coordinating Council, Inc.

RESOLVED, that the Board hereby approves the amended Western Electricity Coordinating Council, Inc. bylaws, substantially in the form presented to the Board at this meeting.

FURTHER RESOLVED, that NERC management is hereby authorized to make the appropriate filings with ERO governmental authorities and take such further actions and make such further filings as are necessary and appropriate to effectuate the intent of the foregoing resolution.

Finance and Audit

2025 Year-End Unaudited Summary of Results

RESOLVED, that the Board, upon recommendation of the Finance and Audit Committee, hereby accepts the 2025 NERC, Combined ERO Enterprise, and Regional Entity Unaudited Statement of Activities, as presented to the Board at this meeting.

Regular Agenda

Remarks by Kim Greene, President and CEO, Georgia Power

Mr. Robb introduced Ms. Greene, who discussed the achievements and challenges facing the state of Georgia. Like many others, she expressed concerns about communities lacking power, the devastation caused by natural disasters such as Hurricane Helene, and the fear of handling large loads. Despite these challenges, Ms. Greene highlighted the ongoing boom in manufacturing and growth of data centers within Georgia. She emphasized the need for the industry to act more quickly than it has in the past and to embrace new approaches with courage.

Remarks by Ann Rendahl, Commissioner, Washington State Utilities and Transportation Commission, and President, NARUC

Mr. Robb introduced Ms. Rendahl, who discussed various issues facing the power grid and her theme for the year. She highlighted both the opportunities and challenges involved in ensuring the grid's reliability. Key topics included resource adequacy, large load demands, extreme weather events, and gas-electric coordination. Ms. Rendahl emphasized that there is a significant amount of activity in this space and expressed her appreciation for the work that NERC does and the partnership.

President's Report

Mr. Robb presented the President's report and acknowledged the remarkable efforts of the industry during the recent unprecedented cold and ice that affected two-thirds of the continent. He congratulated the industry for improving its performance, effectively managing complex situations, and optimizing the use of demand-side strategies. Mr. Robb also took a moment to thank NERC and its stakeholders for their contributions to a successful 2025. He expressed his appreciation to the MRC for their engagement in helping NERC shape its next three-year plan. Additionally, he recognized the current focus on affordability and reiterated that NERC takes its responsibilities very seriously in addressing these concerns.

Mr. Robb also discussed some organizational changes that NERC implemented last week to enhance leadership focus. He highlighted important shifts within the ERO Executive Committee (ERO EC), which were prompted by the retirement of Melanie Frye, the CEO of WECC. Mr. Robb presented Ms. Frye with a resolution from the ERO – Enterprise as follows:

Whereas, Ms. Frye assumed the role of President and CEO of WECC in 2018 and has continually advanced the organization since joining WECC in 2007; and

Whereas, Ms. Frye as President and CEO, successfully guided the organization through the challenges of the pandemic, including the development of WECC's Invented Future framework fostering a dynamic internal culture aligned with WECC's mission; and

Whereas, Ms. Frye as President and CEO, successfully led the organization to mitigate the unique and challenging risks to the reliability and security of the Western Interconnection's bulk power system; and

Whereas, Ms. Frye as President and CEO, built a strong leadership team at WECC and strengthened all of its core program areas; and

Whereas, Ms. Frye as President and CEO, made substantial contributions to the formation of the ERO Enterprise Executive Committee as a teammate and as a co-architect of the Executive Committee charter; and

Whereas, Ms. Frye as President and CEO, served as an informal and trusted counselor to the NERC President and CEO on multiple matters.

Now, Therefore, Be It Resolved, that the Board of Trustees of the North American Electric Reliability Corporation does hereby convey its deepest gratitude to Melanie Frye for her many contributions to the reliability and security of the bulk power system and wishes her well in her retirement.

Adopted by the Board of Trustees of the North American Electric Reliability Corporation on February 12, 2026.

Mr. Robb then went on to welcome Jeff Droubay as Ms. Frye's replacement as CEO of WECC, and he expressed that he was looking forward to working with Mr. Droubay. He also thanked Jim Albright, CEO of Texas RE, for serving as co-chair of the ERO EC with him and welcomed the new ERO EC co-chair, Mr. Charles Dickerson, CEO of NPCC.

Mr. Robb introduced Mr. Charles Dickerson, co-chair of the ERO EC to provide remarks. Mr. Dickerson discussed the significant collaborative efforts underway with the ERO and NERC, concentrating on data collection and assessments, the objective is to provide credible and reliable information. Mr. Dickerson emphasized that there is a strategic shift in priorities, and it is essential to enhance efficiency and maintain the flexibility needed to address these priorities effectively.

Board of Trustees Closed Meetings Summary

Ms. Keenan reported that on February 10, 2026, the Board met in closed session with NERC management to review NERC management activities. On February 10, the Board also held a strategy session with NERC management to explore strategic issues before NERC and provided guidance to the executive team, including discussion on the Modernization of Standards Processes and Procedures recommendations and the 2027-2029 strategic priorities and goals. The Board adjourned into executive sessions with the General Counsel and the CEO, and with the General Counsel separately, to discuss confidential matters. The Board also adjourned into executive session to discuss confidential matters.

Key Discussions and/or Action Items

Board of Trustees Committee Assignments and NERC Officers

Ms. Keenan presented the recommendations for Board committee assignments. Mr. Robb presented the proposed slate of NERC officers. After discussion, and upon motion duly made and seconded, the Board approved the following resolutions:

RESOLVED, that the Board hereby elects the following officers of the Corporation for 2026:

- Suzanne Keenan, Chair
- Larry Irving, Vice Chair
- Jim Robb, President and Chief Executive Officer

FURTHER RESOLVED, that the Board, upon recommendation of the President, hereby appoints the following individuals as officers of the Corporation for 2026:

- Michael Ball Chief Executive Officer of the E-ISAC
- Howard Gugel, Senior Vice President, Regulatory Oversight
- Kelly Hanson, Chief Operating Officer
- Mark G. Lauby, Chief Engineer and NERC Fellow
- Sonia Rocha, General Counsel and Corporate Secretary
- Andy Sharp, Chief Financial Officer
- Camilo Serna, Senior Vice President, Strategy and External Engagement

FURTHER RESOLVED, that the Board, upon recommendation of the Chair, hereby approves the following 2026 Board Committee Assignments, as presented to the Board at this meeting.

Chair: Suzanne Keenan, *ex-officio* for all Committees

Vice Chair: Larry Irving

Corporate Governance and Human Resources

Chair: Kristine Schmidt

Jane Allen
Kenneth W. DeFontes, Jr.
Larry Irving

Finance and Audit

Chair: Colleen Sidford

Robin E. Manning
Jim Piro
Ron Talbot

Engagement and Outreach

Chair: Jane Allen

George S. Hawkins
Larry Irving
Susan Kelly

Regulatory Oversight

Chair: Robin E. Manning

Kenneth W. DeFontes, Jr.
Susan Kelly
Kristine Schmidt

Enterprise-wide Risk

Chair: Jim Piro

George S. Hawkins
Colleen Sidford
Ron Talbot

Nominating Committee

Chair: Kenneth W. DeFontes, Jr.

Jane Allen
Suzanne Keenan
Jim Piro
Kristine Schmidt
Colleen Sidford
George S. Hawkins
Ron Talbot
John Harlow, MRC Chair
Matt Fischesser, MRC Vice Chair
Joel Dembowski
Rich Dewey

Related Assignments

- **ESCC Member Executive Committee (MEC) Liaison:** Larry Irving
- **International Liaison:** Colleen Sidford
- **Standards Committee Liaison:** Susan Kelly
- **Reliability and Security Technical Committee Liaison:** Susan Kelly
- **Compliance and Certification Committee Liaison:** George S. Hawkins
- **Modernization of Standards Processes and Procedures Task Force Members:** Susan Kelly and Robin E. Manning

Modernization of Standards and Processes and Procedures Recommendations

Mr. Ford, chair and Mr. Lucas, vice- chair of the Modernization Standards Processes and Procedures (MSPP) Task Force presented the final recommendations on transforming current Reliability Standard development processes and procedures to ensure that standards can be developed more efficiently and effectively. The MSPP Task Force developed its final recommendations for standards process improvements through an extensive stakeholder engagement process conducted over the course of 2025 and early 2026. Chair Keenan led a discussion among the Trustees regarding the MSPP Task Force's work, with the Trustees expressing their appreciation to the members of the Task Force and remarking on how this effort demonstrates that NERC and industry can work together to advance meaningful change.

After discussion, and upon motion duly made and seconded, the Board accepted the proposed recommendations as follows:

WHEREAS, the Board, at its February 13, 2025 meeting, established the Modernization of Standards Processes and Procedures ("MSPP") Task Force, with Greg Ford as Chair and Todd Lucas as Vice Chair, and Trustees Susan Kelly and Robin E. Manning as members, with the remaining members to be selected by NERC Management in consultation with the MSPP Task Force Chair and Vice-Chair;

WHEREAS, the Board resolved that the scope of the MSPP Task Force would be to bring forward a modernized standards development process that would continue to provide for reasonable notice and opportunity for public comment, due process, openness, and balance of interests in developing reliability standards consistent with Section 215 of the Federal Power Act, and would ensure that time for Reliability Standards development from risk identification and prioritization can be completed on a much more efficient and effective manner;

WHEREAS, the Board further resolved that the MSPP Task Force would present its recommendations to the Board at the Board's February 2026 meeting.

WHEREAS, the Board has considered that the MSPP Task Force has developed its recommendations over a year-long period, with a notable emphasis on maximizing stakeholder engagement and feedback through phases examining the MSPP Task Force's scope of work, potential improvement opportunities, and draft recommendations for improving the current standard development processes;

WHEREAS, the MSPP Task Force presented its unanimous recommendations for standards process changes to the Board at the meeting, consisting of recommended changes to the NERC Rules of Procedure regarding standards development, as well as recommendations to constitute a new subcommittee, reporting to the Reliability Issues Steering Committee, to provide high level strategic oversight of the standards development process;

WHEREAS, the Board extends its most sincere appreciation to the members of the MSPP Task Force for their work on this important NERC initiative to transform NERC's processes for standards development to ensure it can meet the challenges of the changing grid:

Greg Ford, MSPP Task Force Chair, Georgia System Operations Corporation
Todd Lucas, MSPP Task Force Vice Chair, Southern Company
Todd Bennett, Associated Electric Cooperative, Inc. (Chair, Standards Committee)
Rich Hydzik, Avista Corporation (Chair, Reliability and Security Technical Committee)
Scott Tomashefsky, Northern California Power Agency (Chair, Compliance and Certification Committee)
Joe Fina, Snohomish County Public Utility District
Todd Hillman, MISO Energy
Matt Holtz, Invenergy
Brett Kruse, Calpine Corporation
Robert Reinmuller, Hydro One Networks Inc.
Sue Kelly, NERC Board of Trustees
Rob Manning, NERC Board of Trustees
Kal Ayoub, Federal Energy Regulatory Commission (*non-voting*)

WHEREAS, the Board also extends its most sincere appreciation to the many stakeholders who have participated in the MSPP Task Force effort, providing their feedback to enhance the overall quality of the recommendations and help ensure that these recommendations would advance a fair, open, inclusive, balanced, and efficient standards development process;

WHEREAS, the Board has determined that the MSPP Task Force recommendations should be considered for implementation through the usual processes, with an emphasis on obtaining early and meaningful stakeholder input on proposals to implement the recommendations;

NOW, THEREFORE, BE IT RESOLVED, that the Board hereby accepts the *Recommendations for Transforming the Reliability Standard Framework*, reflecting the MSPP Task Force's recommendations for standard process improvements.

BE IT FURTHER RESOLVED, that the Board hereby directs that NERC Management, in consultation with the MSPP Task Force, develop proposed changes to the NERC Rules of Procedure to implement the MSPP Task Force recommendations, and to submit the proposed changes for public comment through the usual processes for revising the Rules of Procedure.

BE IT FURTHER RESOLVED, that in developing such changes to the NERC Rules of Procedure, NERC Management, in consultation with the MSPP Task Force, should endeavor to develop regulatory language that provides the ability to create efficiencies and allow for future improvements in implementation.

BE IT FURTHER RESOLVED, that the Board hereby requests the Standards Committee, upon receiving NERC Management's proposal for Appendix 3A to the NERC Rules of Procedure, *Standard Processes Manual*, promptly post it for comment and then ballot under Section 15.0 of the *Standard Processes Manual*, Process for Updating Standard Processes.

BE IT FURTHER RESOLVED, that the Board hereby directs NERC Management, in consultation with the MSPP Task Force and working with members of the respective committees, to develop appropriate proposals regarding the charters of the Reliability and Security Technical Committee, the Reliability Issues Steering Committee, and the Standards Committee to implement the MSPP Task Force recommendations relating to those committees.

BE IT FURTHER RESOLVED, that the Board hereby directs NERC Management to develop a plan to carry out the aforementioned actions and to implement the recommended process improvements.

BE IT FURTHER RESOLVED, that the Board hereby directs NERC Management to conduct these implementation efforts with a high level of stakeholder engagement, consistent with the approach of the MSPP Task Force in developing their recommendations.

BE IT FURTHER RESOLVED, that the Board hereby directs NERC Management to report to the Board on the status of these efforts at its June 2026 meeting, and each regularly scheduled meeting thereafter, until work is complete.

Input Letter and Member Representatives Committee Meeting

Ms. Keenan acknowledged the MRC's feedback on the Board's input letter related to NERC's 2027-2029 Strategic Priorities and Goals as well as follow up on the MSPP Task Force's engagement.

2025 Company Performance Assessment

Ms. Hanson provided an update on NERC's 2025 performance assessment, noting that the 2025 work plan priorities were NERC's goal for executing Year 3 of its three-year plan for 2023-2025. She noted that NERC developed its 2026 work plan priorities in support of its "bridge year" between three-year plans, which were approved by the Board at its December 2025 meeting. Ms. Hanson reported that NERC is currently working to finalize the strategic priorities and goals for its next three-year plan for 2027–2029 and developing its 2027 business plan and budget.

Semi-Annual Standing Committee Reports to the Board

Compliance and Certification Committee (CCC)

Ms. Silvia Parada-Mitchell, Committee Chair, provided an update on the activities of the Committee. Ms. Mitchell then presented the proposed 2026 Committee work plan for the Board's approval. Upon motion duly made and seconded, the Board approved the following resolution:

RESOLVED, that the Board hereby approves the CCC 2026 Work Plan, substantially in the form presented to the Board at this meeting.

Personnel Certification Governance Committee

Mr. Michael Hoke, Committee Chair, provided an update on the activities of the Committee. He then presented the proposed 2026 Committee work Plan for the Board's approval. Upon motion duly made and seconded, the Board approved the following resolution:

RESOLVED, that the Board hereby approves the Personnel Certification Governance Committee 2026 Work Plan, substantially in the form presented to the Board at this meeting.

Reliability and Security Technical Committee

Mr. Rich Hydzik, Committee Chair, highlighted the recent work of the Committee. Mr. Hydzik then presented the proposed 2026 Committee strategic plan. Upon motion duly made and seconded, the Board approved the following resolution:

RESOLVED, that the Board hereby approves the RSTC 2026 Strategic Plan, substantially in the form presented to the Board at this meeting.

Reliability Issues Steering Committee

Ms. Morenike Miles, Committee Chair, provided an update on the activities of the Committee. She also reported on the Committee self-assessment.

Standards Committee

Mr. Todd Bennett, Committee Chair, provided an update on the activities of the Committee. He then presented the 2026-2028 Standards Committee Strategic Work Plan for the Board's approval. Upon motion duly made and seconded, the Board approved the following resolution:

RESOLVED, that the Board hereby approves the Standards Committee 2026-2028 Strategic Work Plan, substantially in the form presented to the Board at this meeting.

Standing Committee Governance Guidelines

Corporate Governance and Human Resources Committee (CGHRC) Chair Schmidt provided an update on the status of the Standing Committee Governance Guidelines, noting the item was originally included for approval as part of the Board's consent agenda. She stated that based on the feedback received in advance of and during the CGHRC open meeting, and as discussed at the CGHRC Open meeting, the CGHRC has decided to defer action on the Standing Committee Governance Guidelines and develop an alternative path forward. This alternative path would include additional focused engagement with the members and leadership of the Standing Committees and evaluating and incorporating feedback into the guidelines. She also reported that the goal would be to present amended guidelines to the CGHRC and Board at their respective December 2026 meetings, in concert with proposed amendments to Standing Committee charters.

Other Matters and Adjournment

Ms. Keenan provided concluding remarks, thanking everyone for the engagement, the feedback, and the courage to embrace change to advance the reliability and security of the bulk power system. There being no further business, and upon motion duly made and seconded, the meeting was adjourned.

Submitted by,



Sônia Rocha
Corporate Secretary

Reliability Issues Steering Committee Vice Chair Appointment

Action

Approve

Background

As required by the Reliability Issues Steering Committee (RISC) [charter](#), the RISC Nominating Subcommittee (RISC NS) solicited a pool of candidates to fill the open Vice Chair (VC) position on the RISC. The VC nomination period was held April 27–May 8, 2026. The RISC Charter states that the RISC NS is responsible for “...(b) managing the process to select the chair and/or vice-chair of the RISC. The RISC vice-chair shall recuse himself or herself from this process (a) unless he or she is not seeking re-election, or (b) until the RISC NS has concluded a vote to recommend the vice-chair for subsequent RISC election to the chair position.”

Summary

The RISC NS met on May 15, 2026, to review the slate of nominees and recommends that the Board of Trustees approve the appointment of the following Vice Chair, for a two-year term concluding January 31, 2028. The recommended nominee fulfills gaps in skillsets and expertise required to fill the vacant Vice Chair position.

Vice Chair

- Bill Zuretti – Electric Power Supply Association’s (EPSA)

Additional Recommended Slate Information

Candidate Bio

Bill Zuretti serves as the Electric Power Supply Association’s (EPSA) Director of Regulatory Affairs and Counsel. Mr. Zuretti has nearly 18 years of experience in the utilities industry, having spent the last decade working at EPSA, which is the national trade association representing competitive power supplies and marketers. In this role, he has worked extensively at both the federal and state levels on issues that impact the bulk power system, with a specific focus on wholesale power market activity, across multiple regions.

Additionally, Mr. Zuretti also coordinates EPSA’s NERC activity and manages the cyber and physical security policy advocacy and preparedness. Prior to his current position, he held multiple roles in the natural gas industry on both the wholesale and retail sides of the business. Currently, he is serving his second term on the RISC. In his previous term, he was a member of both the Energy Policy and Grid Transformation subgroups.

Project 2023-01 EOP-004 IBR Event Reporting

Action

Adopt the following standards documents and authorize staff to file with applicable regulatory authorities:

- Reliability Standard – EOP-004-5 – Event Reporting
 - [\[EOP-004-5 Standard\]](#) [\[Redline to last approved\]](#)
- Implementation Plan
 - [\[Implementation Plan\]](#)
- Violation Risk Factors (VRFs) and Violation Severity Levels (VSLs)
 - [\[VRF/VSL Justification\]](#)
- Retirement
 - [\[Reliability Standard – EOP-004-4 – Event Reporting\]](#)

Background

NERC initiated Project 2023-01 EOP-004 IBR Event Reporting to address a standard authorization request (SAR) related to the EOP-004 standard. Following multiple, widespread solar PV loss events, NERC published the San Fernando Disturbance Report¹ in November 2020, with a set of recommendations for industry. Subsequently, the NERC Inverter-Based Resource Performance Subcommittee (IRPS) performed a follow-up analysis and identified several recommendations, including for the IRPS to draft a SAR to address the EOP-004 issue regarding generation loss criteria not capturing Inverter-Based Resource (IBR) events along with synchronous generation events. Without revisions to EOP-004, large-scale IBR disturbances, like those previously analyzed by NERC, would not be required to be reported. Large-scale IBR disturbances would not meet the EOP-004 generation loss reporting thresholds that are relatively large and more suitable for synchronous generation. Without revisions to account for IBR events, NERC must lean on ad hoc reporting per the NERC Event Analysis Program,² which is voluntary in nature and involves significantly longer reporting timelines.

Project 2023-01 proposes to enhance the reliability of the bulk power system by ensuring timely reporting of events involving IBRs to the Electric Reliability Organization. The new reporting criteria thresholds for IBRs are tailored to the nature of IBR events and will ultimately lead to a more rapid response to widespread IBR losses and improved generation performance.

Summary

Proposed Reliability Standard EOP-004-5 revises Reliability Standard EOP-004-4 to address the recommendations of the IRPS by updating Attachment 1 to include a new IBR loss reportable event type and providing a calculation methodology to determine the need for reporting under

¹ NERC published the San Fernando Disturbance Report (November 2020), https://www.nerc.com/pa/rrm/ea/Documents/San_Fernando_Disturbance_Report.pdf.

² NERC Event Analysis Program, <https://www.nerc.com/programs/event-analysis/ero-event-analysis-process-documents>.

the new Attachment 2. The new IBR loss reportable event type proposes Interconnection-specific reporting thresholds that use a risk-based approach that:

- Balance the needs of the NERC Event Analysis Program;
- Are recognized by industry;
- Minimize concerns with shifting from voluntary to mandatory reporting requirements; and
- Seek to not miss a reportable event occurrence.

Standards Development Process

The Standards Committee initiated Project 2023-01 EOP-004 IBR Event Reporting on May 17, 2023.

The initial 45-day formal comment and ballot was conducted from July 28 – September 11, 2023. The initial draft of EOP-004-5 received 32.34% approval with 92.58% quorum. The implementation plan received 47.31% approval with 91.52% quorum. The drafting team made additional changes to the standard based on comments received.

A 45-day informal comment for EOP-004-5 was conducted from February 12 – March 27, 2024. The drafting team made additional changes to the standard based on comments received.

A 55-day formal comment and second ballot for EOP-004-5 was conducted from November 21, 2025 – January 14, 2026. The second draft received 91.37% approval with 87.19% quorum. The implementation plan received 89.73% approval with 87.19% quorum.

Nonbinding polls were conducted concurrently with each of the formal comment periods and ballots; the nonbinding polls for the VRFs and VSLs for the second, additional ballot received 94.22% supportive opinions and 84.56% quorum.

As permitted under the 2023 changes to Section 4.13 of the Standard Processes Manual, the project was concluded without a final ballot being conducted.³ Public notice was provided at the conclusion of the project on March 27, 2026.

On April 22, 2026, NERC staff communicated with Department of Energy (DOE) staff and requested Form OE-417 changes to align with EOP-004-5 updates. NERC staff also proposed revisions to the Form OE-417 to DOE staff to align with the proposed revisions to EOP-004-5 and ensure they are aligned to allow industry to report events using one form, rather than two. DOE staff expect to initiate the federal rulemaking process to revise Form OE-417 during the summer of 2026.

Minority Issues

During the last formal comment period, some industry stakeholders shared concerns that EOP-004-5 should better align with PRC-030-1 and provided proposed revisions to PRC-030-1 to align

³ Under the Standard Process Manual, Section 4.13: Conduct Final Ballot or Conclude the Standards Action, The drafting team may conclude the standards action without conducting a final ballot if: (1) the previous ballot achieved at least 85% weighted segment approval; (2) the drafting team made a good faith effort at resolving applicable objections; (3) the drafting team responded in writing to comments as required by section 4.12; and (4) the drafting team is proposing no further changes to the balloted documents. [FINAL - ROP Appendix 3A SPM v5 \(nerc.com\)](#)

with the proposed revisions to EOP-004-5. The DT concluded that the reporting timeframe differences between the two standards are due to the inherent delays in telemetry and determined that the proposed revisions to PRC-030-1 were outside the scope of this project and would require an additional SAR to revisit PRC-030-1.

Pertinent FERC Directives

None.

Cost Effectiveness

The drafting team sought stakeholder input on the cost effectiveness of the proposed EOP-004-5 standard during the formal and informal comment periods. Several commenters abstained from commenting on cost-effectiveness. A few commenters expressed concerns with the proposed IBR loss reportable event type during the initial, formal and informal comment periods. However, during the second formal comment period, no comments were received regarding cost concerns. The drafting team does not anticipate significant costs associated with the proposed addition of the IBR loss reportable event type, as EOP-004-5 does not require installation of new data-gathering equipment.

Additional Information

A link to the project history and files is included here for reference:

[Project 2023-01 EOP-004 IBR Event Reporting](#)

Project 2025-02 CIP-015-2 Internal Network Security Monitoring

Action

Adopt the following standard documents and authorize staff to file with the applicable regulatory authorities:

- Reliability Standard – CIP-015-2 – Cyber Security – Internal Network Security Monitoring
 - [\[CIP-015-2 Standard\]](#) [\[Redline to last approved\]](#)
- Implementation Plan
 - [Implementation Plan](#)
- Violation Risk Factors (VRFs) and Violation Security Levels (VSLs)
 - [VRF/VSL Justification](#)
- Retirement
 - [CIP-015-1 – Cyber Security - Internal Network Security Monitoring\]](#)

Background

On June 26, 2025, the Federal Energy Regulatory Commission (FERC) issued Order No. 907,¹ approving proposed Reliability Standard CIP-015-1. While approving Reliability Standard CIP-015-1, FERC determined that a reliability and security gap exists because Reliability Standard CIP-015-1 does not require implementation of internal network security monitoring for the entire CIP-networked environment. FERC found that while the CIP Reliability Standards require monitoring of the Electronic Security Perimeter (ESP) and associated systems for high and medium impact Bulk Electric System Cyber Systems, the CIP-networked environment remains vulnerable to attacks that bypass network perimeter-based security controls traditionally used to identify the early phases of an attack. FERC determined that this presents a gap in the currently effective CIP Reliability Standards. Thus, FERC directed NERC to develop modifications to Reliability Standard CIP-015-1 to expand internal network security monitoring to include Electronic Access Control or Monitoring Systems (EACMS) and Physical Access Control Systems (PACS) outside of the ESP. FERC directed NERC to submit these revisions for approval within 12 months of the effective date of the final rule, or by September 1, 2026.

On July 25, 2025, NERC filed a Request for Clarification² with FERC seeking additional clarity on the scope of the term CIP-networked environment, as used in Order No. 907. Specifically, NERC asked whether the term is intended to include: (1) only the communication paths between the CIP devices for monitoring, or all communications on the network segment; and (2) communications between PACS and non-PACS controllers.

On August 21, 2025, FERC issued Order No. 907-A³ clarifying that the scope of the term CIP-networked environment is intended to include only the communication paths between the CIP

¹ *Critical Infrastructure Protection Reliability Standard CIP-015-1 – Cyber Security – Internal Network Security Monitoring*, [Order No. 907](#), 191 FERC ¶ 61,224 (2025).

² [Request for Clarification of FERC Order No. 907](#), Docket No. RM24-7-001 (July 25, 2025).

³ *Order on Clarification re Critical Infrastructure Protection Reliability Standard CIP-015-1 – Cyber Security – Internal Network Security Monitoring*, [Order No. 907-A](#), 192 FERC ¶ 61,171 (2025).

devices for monitoring. Specifically, FERC clarified that only east-west traffic for access monitoring of EACMS and PACS is within the scope of the term CIP-networked environment and that all other traffic to and from non-CIP devices on shared network segments is out of scope. For network segments that are connected to EACMS and PACS outside of the ESP, Order No. 907-A clarified that the scope of the term CIP-networked environment is intended to include only the communication paths between the CIP devices for monitoring. Additionally, Order No. 907-A clarified that the term CIP-networked environment is inclusive of communication between PACS and controllers and that non-PACS controllers and non-EACMS firewalls are out of scope.

Summary

Proposed Reliability Standard CIP-015-2 improves upon the currently approved Reliability Standard CIP-015-1 by establishing requirements that extend internal network security monitoring to include EACMs and PACS outside of the ESP. The proposed revisions prevent a potential gap in the coverage of the standard that could allow an attacker to use compromised EACMS and PACS outside the ESP to access the operational technology environment inside the ESP. The proposed Reliability Standard addresses FERC's directive in Order No. 907 that NERC develop modifications to Reliability Standard CIP-015-1 to provide such protections.⁴

Standards Development Process

On July 16, 2025, the Standards Committee accepted the Internal Network Security Monitoring Standard Revisions SAR. The initial 45-day formal comment and ballot was conducted from December 1, 2025, through January 16, 2026. The initial CIP-015-2 ballot received 84.33% approval and 91.94% quorum. The implementation plan received 81.25% approval and 91.58% quorum. A final ballot was conducted from February 24 through March 5, 2026, whereby the proposed CIP-015-2 received an 87.33% approval and 91.94% quorum. The implementation plan received 86.93% quorum and 91.58% quorum. The non-binding poll received 85.43% approval and 90.42% quorum.

Minority Issues

None.

Cost Effectiveness

The drafting team did not identify comments demonstrating that proposed Reliability Standard CIP-015-2 would not be a cost-effective way to meet the FERC directive.

Additional Information

A link to the project history and files is included here for reference:

[\[2025-02 Internal Network Security Monitoring Standard Revision\]](#)

⁴ Order No. 907 at P 47.

Project 2023-06 CIP-014 -4 Physical Security

Action

Adopt the following standard documents and authorize staff to file with applicable regulatory authorities:

- Reliability Standard – CIP-014-4 – Physical Security
 - [\[CIP-014-4 Standard\]](#) [Redline to last approved]
- Implementation Plan
 - [\[CIP-014 Implementation Plan\]](#)
- Violation Risk Factors (VRFs) and Violation Severity Levels (VSLs)
 - [\[VRF VSL Justification - CIP-014-4\]](#)
- Retirement
 - [\[Reliability Standard – CIP-014-3 Physical Security\]](#)

Background

Due to an increase in reports of physical attacks on electric substations, on December 15, 2022, the Federal Energy Regulatory Commission (FERC) issued an Order in Docket No. RD23-2-000 directing NERC to evaluate (1) the adequacy of the Applicability criteria set forth in the Physical Security Reliability Standard CIP-014-3 (Physical Security); (2) the required risk assessment set forth in CIP-014-3; and (3) whether a minimum level of physical security protections should be required for all Bulk-Power System transmission stations and substations and primary control centers. In the report filed in response to the FERC directive, NERC staff identified an inconsistency in registered entity CIP-014-3 risk assessments to most appropriately identify critical infrastructure. Further, NERC found that CIP-014-3 required revision to assure an adequate and consistent approach to conducting the Requirement R1 risk assessment, which is designed to identify whether a Transmission station or substation could result in instability, uncontrolled separation, and Cascading if rendered inoperable. NERC also found that there needs to be a consistent approach for ensuring documentation of technical justifications for study criteria and thresholds.

Summary

The Project 2023-06 drafting team revised CIP-014 Requirements R1 through R5 to address the recommendations in the report filed with FERC in response to the December 15, 2022 Order. Thus, the proposed Reliability Standard CIP-014-4 includes the following revisions to address the Report recommendations and advance reliability:

- Proposed Requirement R1 in CIP-014-4 would require each Transmission Owner to, at least once every 36 months, identify those Transmission stations and Transmission substations that would be applicable for evaluation through the R1 risk assessment. This would replace the previously approved CIP-014-3 Requirement R1 that requires Transmission Owners perform an initial risk assessment of its applicable Transmission stations and Transmission substations at least once every 30 calendar months, and

perform subsequent risk assessments at least once every 60 calendar months for a Transmission Owner that has not identified in its previous risk assessment. The Requirement R1 in the previously approved version, CIP-014-3, also requires the Transmission Owner to identify the primary control center that operationally controls each Transmission station or Transmission substation identified in the Requirement R1 risk assessment. This has been moved to Requirement R5 in proposed Reliability Standard CIP-014-4.

- Proposed Requirement R2 is new and would require Transmission Owners with applicable Transmission station(s) or Transmission substation(s) to identify proximate Bulk Electric System Transmission station(s) and Bulk Electric System Transmission substation(s).
- Proposed Requirement R3 is new and would set certain expectations for the R1 risk assessment methods as well as ensure dynamic studies are conducted. Specifically, proposed Requirement R3 would require each Transmission Owner to have a risk assessment methodology, including the criteria by which analytical results will be examined to identify Transmission station(s) or Transmission substation(s) that if rendered inoperable or damaged as a result of a physical attack could result in instability, uncontrolled separation, or Cascading within an Interconnection.
- Requirement R4 is new and would require Transmission Owners that have applicable jointly owned Transmission substations and Transmission stations to coordinate and document their individual and joint responsibilities for CIP-014-4 Requirements R3 and R5.
- Requirement R5 would require each Transmission Owner, at least once every 36 months, to perform a risk assessment to identify applicable Transmission station(s) and Transmission substation(s) identified in Requirement R1, using the methodology established in Requirement R3. Jointly owned Transmission station(s) and Transmission substation(s) would be assessed according to the responsibilities in Requirement R4. If proximate Bulk Electric System Transmission station(s) and Bulk Electric System Transmission substation(s) were identified in Requirement R2, they would be included in the risk assessment according to Requirement R3, Part 3.3. Requirement R5 in CIP-014-4 revises Requirement language that was previously included in Requirement R1 in the currently approved CIP-014-3 and aligns timelines as required in the Standard Authorization Request.

Standards Development Process

The proposed Reliability Standard CIP-014-4 was posted for an initial 45-day formal comment period and ballot from May 20 to July 3, 2024. The initial draft of CIP-014-4 received 11.67% approval with 84.69% quorum. The implementation plan received 27.14% approval with 83.68% quorum.

A 45-day formal comment and second ballot for CIP-014-4 was conducted from September 23 to November 6, 2024. The second draft of CIP-014-4 received 47.37% approval with 89.15% quorum. The implementation plan received 56.18% approval with 88.58% quorum.

A 45-day formal comment and third ballot for CIP-014-4 was conducted from June 6 to July 21, 2025. The third draft of CIP-014-4 received 57.27% approval with 82.94% quorum. The implementation plan received 69.66% approval with 83.28% quorum.

A 45-day formal comment and fourth ballot was conducted from March 31 to May 14, 2026. The fourth draft of CIP-014-4 received 79.21% approval and 79.52% quorum. The implementation plan received 84.61% approval with 78.75% quorum.

Nonbinding polls were conducted concurrently with each of the formal comment periods and ballots; the nonbinding polls for the VRFs and VSLs for the third additional ballot received 76.79% supportive opinions with 77.22% quorum.

A 10-day final ballot was conducted from May 28 to June 8, 2026. As the agenda package for the Board Open Meeting will be posted before the end of the comment period, the final results will be presented at the Board Meeting.

Minority Issues

Concerns were raised regarding whether the single word 'Fault' provided sufficient clarity and consistency, or whether a 3-phase Fault should be required. The drafting team agreed that a 3-phase Fault is generally the most severe fault; however, it recognized that there are situations where other types of faults could be more severe. As a result, the proposed Reliability Standard CIP-014-4 allows entities to justify the Fault used in their assessments.

Pertinent FERC Directives

None.

Cost Effectiveness

Some commenters raised concerns regarding cost effectiveness, primarily relating to the following: (1) risk assessments should be performed every 60 months rather than 36 months for Transmission Owners that have not identified any Transmission stations or Transmission substations; and (2) increased costs associated with Transmission Owners having to pay a third party to verify the assessment more frequently. The drafting team carefully considered these comments in light of the Standard Authorization Request (SAR) requirement that it correct discrepancies between the study period, frequency of study, and the base cases a Transmission Owner uses. In developing proposed Reliability Standard CIP-014-4, the drafting team balanced concerns from stakeholders regarding the burden on applicable Transmission Owners against the requirements of the SAR and the benefits to reliability from identifying and physically protecting those Transmission stations, Transmission substations, and their associated primary control centers that are critical to the reliable and secure operation of the Bulk Power System.

Additional Information

A link to the project history and files is included here for reference:

[Project 2023-06 CIP-014 Risk Assessment Refinement](#)

Standards Actions

Board of Trustees Open Meeting

Soo Jin Kim

VP of Standards and Registration

June 17, 2026

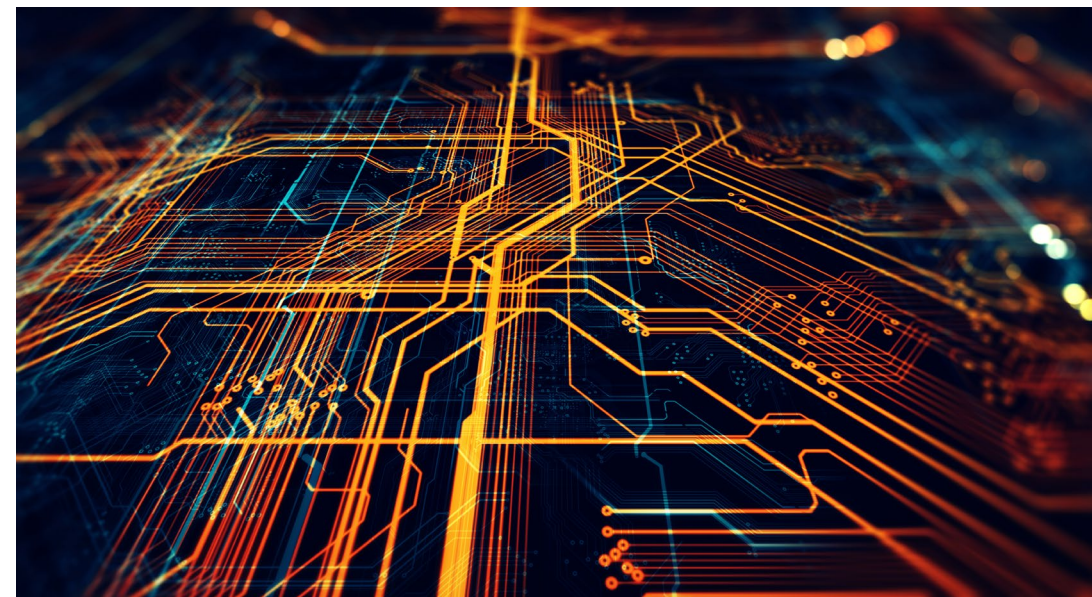
- Second Ballot
 - EOP-004-5: **91.37%** approval; 87.19% quorum
 - Implementation Plan: **89.73%** approval; 87.19% quorum
 - As permitted by the Standard Processes Manual, the project was concluded without a final ballot



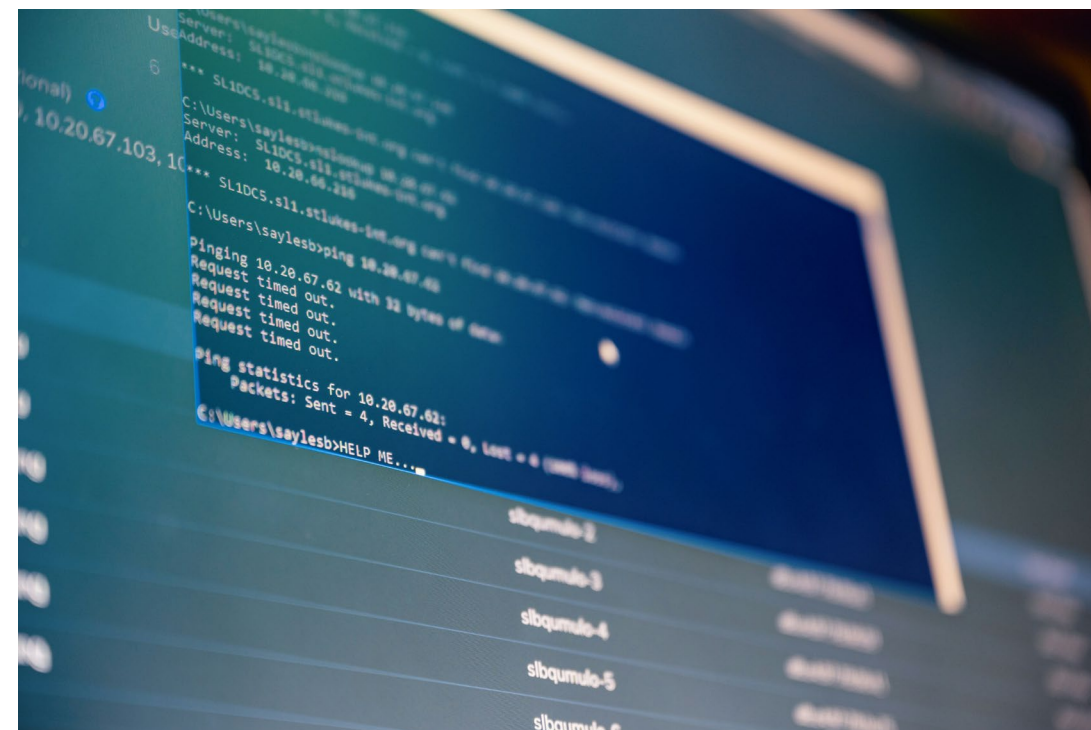


- Revisions for EOP-004
 - New: Inverter-Based Resource (IBR) loss reportable event type
 - New: Calculation methodology to determine the need for IBR reporting
- Collaborated with the Department of Energy to request Form OE-417 revisions align with EOP-004-5
- Reliability Benefits
 - Mandatory reporting to support quicker response to widespread IBR losses and improved generation performance

- Action - Adopt
 - Reliability Standard – EOP-004-5 – Event Reporting



- Final Ballot
 - CIP-0015-2: **91.94%** approval; 87.33% quorum
 - Implementation Plan: **91.58%** approval; 86.93% quorum





- Revisions for CIP-015
 - Addresses FERC directive - Order No. 907
 - Extends internal network security monitoring to include Electronic Access Control or Monitoring Systems (EACMS) and Physical Access Control Systems (PACS)
- Reliability Benefits
 - Closes a potential gap that could allow an attacker to use EACMS and PACS outside of the Electronic Security Perimeter (ESP) to access operational technology inside the (ESP)

Internal Network Security Monitoring

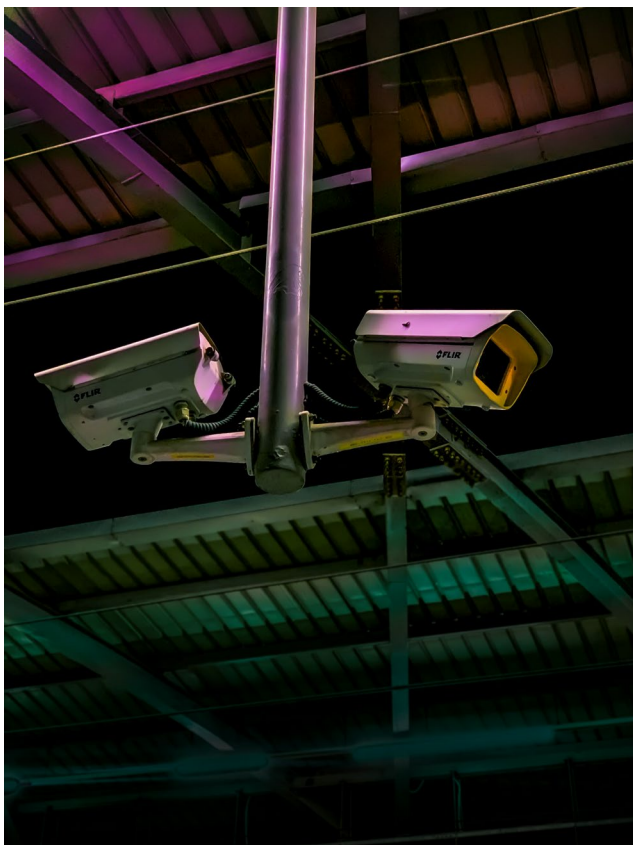
- Action - Adopt
 - Reliability Standard – CIP-015-2 – Cyber Security – Internal Network Security Monitoring



Physical Security Revisions

- Final Ballot
 - To be provided verbally





- Revisions for CIP-014
 - Addresses inconsistency in registered entity CIP-014 risk assessments to most appropriately identify critical infrastructure
- Reliability Benefits
 - Ensures that Transmission Owners are aligned in their general approach to conducting risk assessments; building consistency and effective identification of critical infrastructure

- Action - Adopt
 - Reliability Standard – CIP-014-4 – Physical Security



A light blue map of the United States is in the background. A vertical line is drawn through the center of the map, passing through the Great Plains region. The text 'NERC' is positioned to the left of this line, and 'Discussion' is to the right.

NERC

Discussion

Modernization of Standards Processes and Procedures Implementation

Action

Update

Background

In February of 2026, the NERC Board of Trustees accepted the [Recommendations for Transforming the Reliability Standard Framework](#) developed by the Modernization of Standards Processes and Procedures (MSPP) Task Force. Following this action, NERC staff launched the Implementation phase of this initiative to develop the processes and procedures necessary to implement the MSPP Task Force's recommendations. MSPP Implementation is thus focused on three workstreams discussed below.

Governance/Regulatory

The development of a modified regulatory and governance framework for developing Reliability Standards is a key focus throughout 2026. This work will include updates to the Rules of Procedure (ROP), revising the charters of certain standing committees with a role in standards development and prioritization, and the development of a scope document for a new subcommittee of the Reliability Issues Steering Committee (RISC) to oversee and manage standard development; this work will include retiring the Standards Committee. NERC staff is conducting this work with a high degree of stakeholder engagement, including continued discussions and engagement with the MSPP Task Force, outreach with the affected standing committees, and outreach with representatives of the trades associations. NERC intends to present a suite of proposed revisions to the ROP to the Board of Trustees for approval in the Spring of 2027.

On May 18, 2026, NERC initiated an informal comment period on the initial draft of the proposed revisions to the ROP and standing committee charters. This comment period will run through June 17, 2026. NERC welcomes comments from all interested stakeholders. All documents can be found on the [Modernization of Standards Processes and Procedures](#) page.

The following provides a brief summary of the revised documents on which NERC seeks comment:

- *Standing Committee Charters*

Updates to the standing committee charters specifically provide the Reliability Security and Technical Committee (RSTC) and the RISC with the new authorities envisioned by the MSPP Task Force recommendations. A new scope document also outlines the establishment and governance of a new RISC subcommittee, which is currently being referred to as the Reliability Standard Development Subcommittee, to provide high level, strategic oversight of standards development, consistent with the recommendations. These materials are being posted in preliminary draft form largely for background and information, to show one possible approach for implementing the MSPP Task Force recommendations and provide context to the proposed ROP revisions.

- Section 300

This section establishes the general framework for standards, with many revisions aligning to changes in the SPM and Registered Ballot Body (RBB) appendices. Section 306 also includes language to ensure that the Reliability Standards Body would be a representative body consistent with the Task Force's recommendations.

- Appendix 2

Appendix 2 to the NERC Rules of Procedure contains Definitions used in the NERC Rules of Procedure. NERC proposes to add the following definition:

- "Reliability Standards Body": refers to the standing committee or subcommittee the NERC Board of Trustees has designated to provide high level, strategic oversight of NERC's Reliability Standards development processes.

This body would be the subcommittee of the RISC's Reliability Standard Development Subcommittee that the MSPP Task Force recommended to oversee standards development.

- Appendix 3A

The majority of changes to implement the MSPP Task Force recommendations are reflected in Section 4.0 of the Standard Processes Manual (SPM). This section covers the enhanced standards intake process, development steps, and new approach on commenting and balloting where the earlier focus is on stakeholder comments, and ballots are used to confirm consensus at the end. To ensure the process addresses current reliability priorities in a timely and efficient manner, the Reliability Standards Body (RSB) may pause or discontinue work at any stage, including revisiting the initial request to confirm continued stakeholder support or explore alternative solutions.

- Appendix 3D

The changes in Appendix 3D implement the MSPP Task Force recommendations to consolidate the end-user and electricity generator/marketer segments and restructure the government segment into a broader public interest category that excludes Electric Reliability Organization (ERO) approval authorities. Further changes provide additional flexibility to corporate entities in how they manage their segment memberships and clarify segment criteria. In addition, the appeals process for disputes regarding RBB segment eligibility is streamlined and expedited, allowing entities to appeal directly to the NERC CEO rather than through a two-step process involving a stakeholder committee and the Board of Trustees.

- Appendix 3B

This appendix relating to the election procedures for the Standards Committee is being proposed for retirement due to the proposed sunset of this committee.

Tools

Multiple IT projects are being initiated to implement MSPP recommendations, including:

- Comment and Ballot System

The tool will support straw polls, structured comment periods, formal ballots, and have automated enforcement of voting eligibility. This initiative will also cover changes to the RBB described in the MSPP report.

- Enterprise Document Library
The project will create a public library, making archived standards and supporting documents accessible.
- Artificial Intelligence (AI) Tools
NERC is enhancing its current tools to improve the analysis and summarization of stakeholder comments on standards postings. In addition, an AI capability is being explored to generate an initial “version zero” draft of a standard.
- Standard Initiation Request and Term Sheet
The Standard Initiation Request and Term Sheet will be implemented as interactive forms on the NERC website, serving as entry points for the standards initiation workflow.
- Stakeholder Subject Matter Expert Pool
The stakeholder subject-matter expertise pool application will be implemented as an interactive form on the NERC website and integrated with a customer relationship management system.
- Website Enhancements
Updates to the NERC website will be implemented to reflect the revised committee structure and support new integrated forms mentioned above.

Pilots

Multiple pilots of the MSPP Task Force recommendations are under consideration; however, no pilots will proceed if they conflict with the current SPM. This includes maintaining the existing RBB structure and segment composition until the ROP updates are implemented. Standard posting timelines, as defined in the SPM, will also continue to apply.

- Standard Initiation Request and Term Sheet
Development of the Standard Initiation Request and Term Sheet templates is planned for Q2 2026. Once finalized, these templates will be tested on select active projects to gather industry feedback to refine these templates in Q3 2026.
- Short Term Advisory Group
NERC utilized the *ad hoc* drafting team appointment provision in SPM Section 4.3 to establish a Short-Term Advisory Group to support the computational load project. This group is providing strategic guidance and facilitating consensus-building on this project. The Short-Term Advisory Group is limited to the Large Load Action Plan initiative and is not intended to be ongoing. However, given structural similarities, it will serve as a pilot for select aspects of the proposed Stakeholder Subject Matter Expert (SME) Pool.

Engagement

A public informal comment period is currently underway, ending June 17, 2026. A workshop will be held on June 25, 2026, to receive additional feedback on the draft materials.

The Standards Committee will be asked to authorize posting of the revised SPM for a formal comment and ballot period. Staff anticipates bringing that action to the Standards Committee in July or early August, depending on the feedback received on the initial draft materials. NERC intends to post the materials for a formal comment period in late summer, beginning as early as late July. The formal comment and ballot period for the revised SPM will run concurrently with

proposed revisions to other sections of the ROP. NERC intends to post the materials for approximately 60 days, up from the required 45 days, to allow stakeholders ample time to review the proposed suite of changes and provide their feedback.

With respect to the standing committee governance documents, NERC staff will continue to work with the standing committees throughout the second half of 2026 to revise and refine the governing documents before submitting them to the Board of Trustees for its approval. Comments on these documents are welcome and will be reviewed with the standing committees as part of this process.

Modernization of Standards Processes and Procedures (MSPP) Implementation

Board of Trustees Open Meeting

Soo Jin Kim
VP of Standards and Registration

June 17, 2026

Areas of Focus

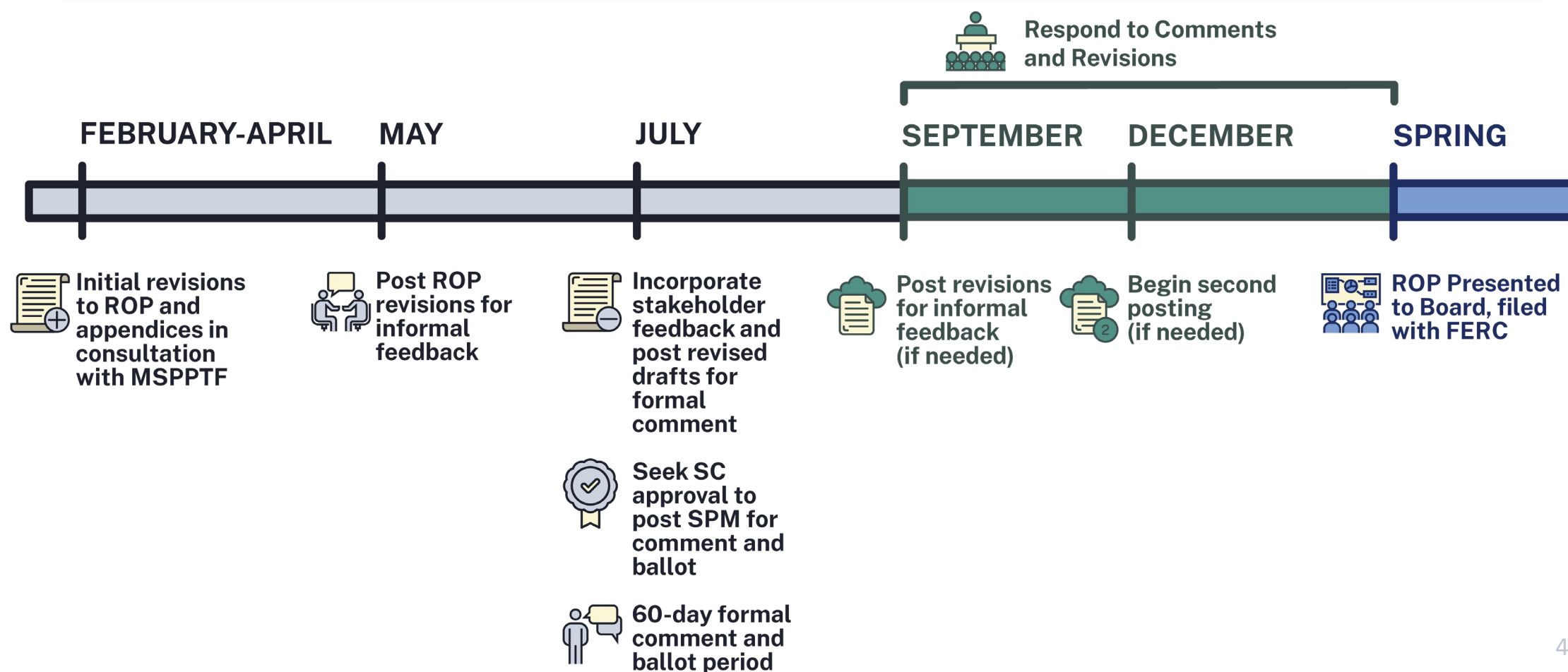
Governance/ Regulatory	ROP	RSTC Charter Revisions	RISC Charter Revisions	RISC Subcommittee Scope Document	Standards Committee Transition
Tools	Comment and Ballot System	Enterprise Document Library	AI Tools	Website Enhancements	Standards Initiation Request and Term Sheet
Pilot	AI Tools • Comment summary • Standard draft	Short-Term Advisory Group • Computational Load	Solicit SARs Biannually	Increase Stakeholder Engagement	Standards Initiation Request and Term Sheet

Implementation Timeline

QUARTERLY WORKSTREAM PROGRESSION 2026-2027

	Q2 2026	Q3 2026	Q4 2026	Q1 2027	Q2 2027	Q3-Q4 2027
 GOVERNANCE/ REGULATORY	 Draft ROP revisions  Post ROP for informal comment period  Hold industry workshop to gather feedback on ROP revisions	 SC to approve SPM posting  Post ROP changes and charter revisions for formal 60-day comment period	 Respond to formal posting comments  Prepare Board presentation  Comment or ballot period for ROP and/or SPM revisions (as needed)	 Board to adopt revised ROP and file with FERC  Launch SME Pool  Standing Committees proceed with charter revisions	 Standing Committee charter revisions presented to board  Implement MSPP standards process	 RISC Subcommittee formation  Hold first standards workshop with RISC subcommittee  Transition existing standards development projects
 PILOT	 Form Short-Term Advisory Group  Create Standards Initiation Request and Term Sheet templates	 Identify additional projects and pilots as SARs are submitted	 Phase 1 Computational Loads filed – disband advisory group			

2026–2027 GOVERNANCE AND REGULATORY TIMELINE



What is Changing and Why

Standard Processes Manual (SPM): ROP Appendix 3A

- **To implement most MSPPTF recommendations, including standards development mechanics and responsibilities:**
 - SIR intake process and review coordination; term sheets
 - Standard development responsibilities of the new Reliability Standard Development Subcommittee
 - SME Pool, project teams, and drafting process
 - Comment and balloting processes

Other ROP Sections & Appendices

- **To conform with SPM changes and to address certain high-level MSPPTF recommendations related to standard development mechanics and responsibilities:**
 - Section 300, Reliability Standards Development
 - Removal of SC election procedures (Appendix 3B)
 - RBB segment updates (Appendix 3D)

Standing Committee Charters

- **Issues specifically pertaining to committee governance and authorities:**
 - Provide committees with the new authorities required by the MSPPTF recommendations
 - Outline the creation and governance of the new subcommittee
- *Certain recommendations will be addressed in committee process documents, not the charters**

The NERC team has developed draft revisions to the RSTC and RISC charters and created a scope document for the new RISC subcommittee, referred to as the Reliability Standard Development Subcommittee

These redlines are meant to...

- Provide context for the draft ROP revisions by showing where certain MSPPTF recommendations will be implemented
- Outline the proposed changes necessary to address MSPPTF recommendations

These redlined charters are not meant to...

- Represent the final version of these charters or scope document as they are subject to committee and stakeholder comment
- Capture every committee-specific process/procedure in the MSPPTF recommendations (e.g., the risk criteria used by the RSTC/RISC), as these are best developed by the committees/subcommittee via a process or procedure document

Charter amendments will have go through committee and Board approval processes



COMMENT AND
BALLOT SYSTEM



ENTERPRISE
DOCUMENT LIBRARY



AI TOOLS



WEBSITE
ENHANCEMENTS



STANDARD
INITIATION REQUEST
AND TERM SHEET

PILOTING: WHAT'S IN AND WHAT'S OUT



WHAT WE CAN PILOT

1



STANDARD
INITIATION
REQUEST

2



TERM
SHEET

3



SHORT-TERM
ADVISORY
GROUP
(SME GROUP)

4

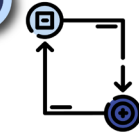


STAKEHOLDER
ENGAGEMENT



WHAT WE CANNOT PILOT

1



ANY RBB
CHANGES

2



SBS VOTING
ELIGIBILITY

3



REDUCED POSTING TIME
WITHOUT WAIVER



MSPB Implementation
Webpage



Newsletters



Committee updates



June Industry
Workshop



Email

A light blue map of the United States is in the background. A vertical line is drawn through the center of the map, passing through the Great Plains region. The text 'NERC' is on the left side of the line, and 'Discussion' is on the right side.

NERC

Discussion

Large Load Initiative

Action

Update

Summary

NERC announced an accelerated [Large Load Action Plan](#) in March 2026. Under this plan, NERC intends to file revised registration criteria and Reliability Standards with FERC no later than December 31, 2026.

In 2026, NERC launched a coordinated effort to address reliability risks posed by emerging large loads, specifically data centers, AI compute clusters, and cryptocurrency mining facilities on the bulk power system (BPS). These loads have grown rapidly. NERC assessments demonstrate how the distinctive electrical behavior associated with computational load can be markedly different than those of conventional loads, posing risks to the reliability and security of the grid if action is not taken to integrate computational needs within the reliability model.

Large Load Action Plan

NERC's Reliability and Security Technical Committee (RSTC) established the Large Load Task Force (LLTF) in August of 2024 and developed an initial work plan to address this growing concern. In February of 2025, the NERC Board of Trustees issued a resolution directing NERC staff to develop a formal action plan to complement the work of the LLTF. NERC hosted a technical workshop with industry experts on February 24-25, 2026 that focused on data centers and the electrical characteristics of computational loads.

The former LLTF has been elevated to the Large Loads Working Group (LLWG) reporting to the RSTC and tasked with assessing the reliability impacts of these emerging loads and recommending mitigation steps. The LLWG with support from NERC Staff posted its second white paper, [Assessment of Gaps in Existing Practices, Requirements, and Reliability Standards for Emerging Large Loads](#) in March of 2026. The white paper identified that the existing NERC Reliability Standards, as well as industry processes and requirements, are inadequate for the reliable integration of emerging large loads. NERC's RSTC also approved publishing the LLWG's Reliability Guideline to support computational load integration in May of 2026.

In parallel path, NERC and the Standards Committee initiated Standards [Project 2026-02 Computation Loads](#) on March 16, 2026. This included appointing the drafting team members recommended by NERC staff and authorizing the posting of the Standards Authorization Request (SAR) for posting a public comment. The SAR was posted on April 1, 2026 in conjunction with proposed changes to NERC's Rules of Procedure, Appendix 5B *Statement of Compliance Registry Criteria* that modifies registration criteria to include material computational load within a new NERC registered function. Stakeholder comments on the SAR were submitted by April 30, 2026 and supported the attention to this matter. Registration criteria was posted on April 1, 2026. Comments on this initial draft were due May 15, 2026.

Additionally, NERC has created a Short-Term Advisory Group (Advisory Group) of subject matter experts of traditional industry experts as well as users that would be applicable under the proposed revisions to NERC registration criteria. This Advisory Group was created to ensure sufficient expertise would be able to support the Drafting Team as it developed solutions to the objectives as provided in the SAR and provide feedback to NERC Staff on the draft registry criteria. NERC Staff from Engineering, Registration, and Standards Development will continue to engage with both the LLWG and this Advisory Group during the evolution of the Large Load Action Plan.

Finally, NERC posted a rare [Level 3 Essential Action Alert](#) on May 4, 2026 outlining near-term mitigation actions for Transmission Owners, Transmission Planners, Transmission Operators, Planning Coordinators, Reliability Coordinators, and Balancing Authorities. The Level 3 Alert was issued as NERC observed as customer-initiated large load reductions and significant oscillations that occur in seconds, leaving little or no room for real-time responses, threatening BPS reliability. NERC staff will review all comments received following the data request due date of August 3, 2026.

As a result of these focused efforts, NERC remains on track for the accelerated Large Load Action Plan. NERC continues working towards filing foundational Standard and Registry Criteria revisions by end of 2026.

Large Loads Initiative

Board of Trustees Open Meeting

JP Skeath

Manager of Engineering and Security Integration

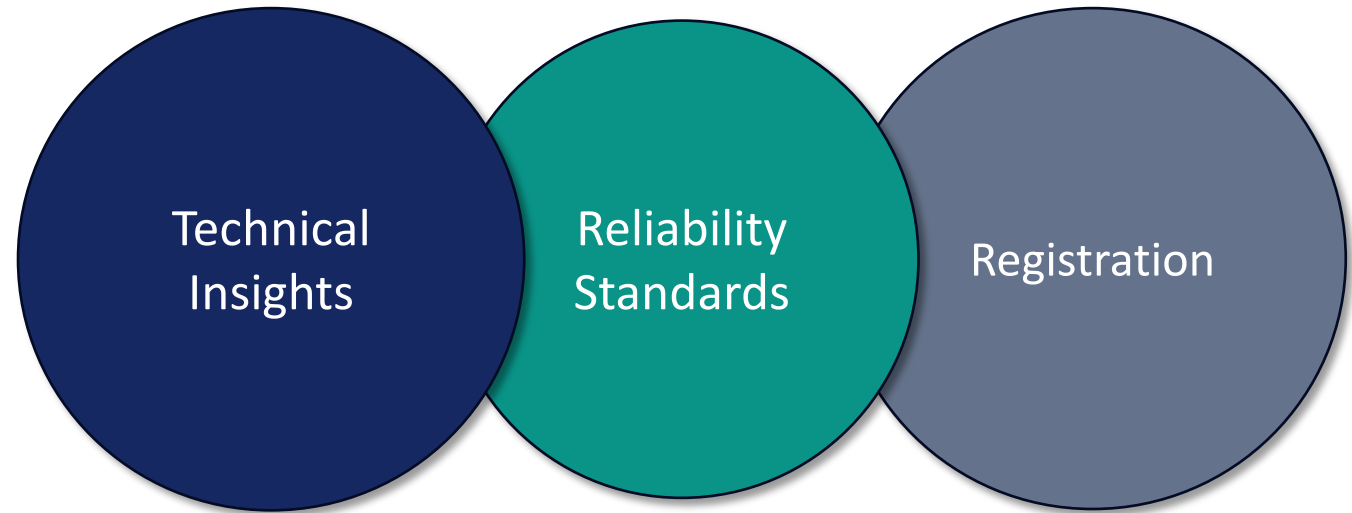
June 17, 2026

Agenda

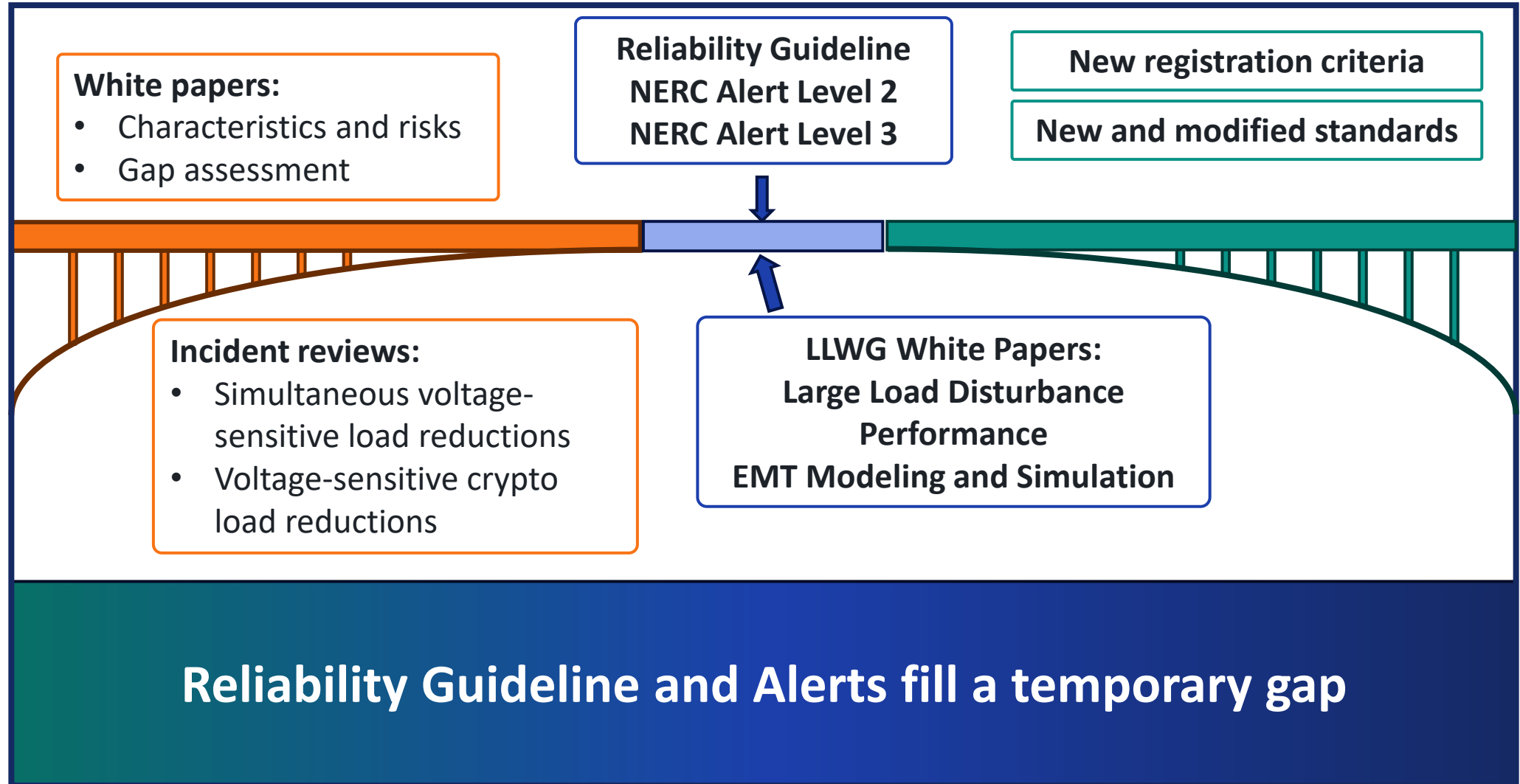
1. Large Loads Action Plan Overview
 - a. Workstreams
 - b. Technical Insights
2. Registration Update
 - a. Registry criteria
3. Reliability Standards Update
 - a. Project Scope
 - b. Project Timeline
4. Next Steps

NERC Action Plan to Integrate Computational Loads

- Updating registry criteria
- Developing Reliability Standards
- Technical resources, including:
 - White papers
 - Reliability guideline
 - NERC Alerts
 - Incident reviews
 - Collaborative workshops and roundtables



Building the Bridge



NERC Level 3 Alert

- Level 3 Essential Actions
 - Released May 4, 2026
 - Recommends seven near-term mitigation actions that current registered entities are urged to take to address critical reliability risks.
- The deadline for registered entities to submit their responses is August 3, 2026.

NERC

Essential Action to Industry

Computational Load Modeling, Studies, Instrumentation, Commissioning, Operations, Protection, and Control

Initial Distribution: May 4, 2026

The purpose of this Level 3 NERC Alert is to ensure Essential Actions are taken by registered entities to address the risks posed by existing and new computational loads¹ interacting with the bulk power system (BPS), inclusive of computational load interconnecting with collocated generation.²

NERC issued a previous Level 2 Alert Industry Recommendation: *Large Load Interconnection, Study, Commissioning, and Operations*³ that discussed the recommended practices that NERC deemed necessary to address the emerging risks from large loads. In the responses provided to the Alert, NERC found that entities generally did not have sufficient processes, procedures, or methods to address risks associated with computational loads. This contrasts with the robust historical experience with traditional non-power electronic non-computational load. As seen in the public report, NERC found specific deficiencies with the treatment of computational loads. Examples of this load include artificial intelligence training, cryptocurrency mining, and traditional data center uses.

As stated in the public report, NERC determined a set of immediate actions that registered entities should take to reduce the risk to the BPS that warrant issuance of this Level 3 alert. These actions relate to the modeling, study, installed fault recording or instrumentation, commissioning, operation, protection, and control of computational load.

NERC issues this Level 3 Alert for entities to implement specific changes to address the risks. Additional actions are discussed as part of NERC's Large Load Study⁴, which includes the draft registry criteria⁵ and Standard Authorization for computational load⁶ posted on NERC's website on April 1, 2026.



Level 3 Alert

Reliability Guideline

- Best-practice guidance on mitigating risks to BPS reliability from integration of emerging large loads.
- Voluntary and non-binding. The guideline is intended to supplement any existing or new Reliability Standards.



Final Reliability Guideline

Registration Criteria for Large Loads

- On April 1, 2026, NERC posted draft registry criteria for computational large loads, including data centers and cryptocurrency mining.
- The criteria define the scope of what entities will be required to register with NERC and comply with NERC Reliability Standards.
 - Proposed threshold of 20 MW or more aggregated computational load at a point of interconnection 60 kV and above.
- NERC accepted comments until May 15, 2026. Comments will be carefully considered.



Draft Registry Criteria

Reliability Standards Drafting Approach

The drafting team is actively considering what are the “foundational” process-related requirements needed to support reliable integration of Computational Loads

Data Sharing

- CL Data → **Owners, Planners, Operators**

Interconnection Process & Requirements

- **TOs** have interconnection requirements specific to **CLs**
- **TOs** incorporate requirements from **Planners & Operators**

Protection & Monitoring (High-Resolution)

- Ensure protection is coordinated between **CLs & Owners**
- Ensure high-resolution monitoring for **CLs**

Commissioning

- **TOs** have a commissioning process (coordinated with **Planners & Operators**) specific to **CLs**

Interconnection Study & Modeling

- **Planners** have interconnection study process for **CLs**
- **Planners** ensure appropriate dynamic modeling for **CLs**

Operations Communication & Response

- **CLs** have communication protocols with **Operators**
- **CLs** respond to **Operator** Emergency Instructions

Phase 2 & Beyond

Other Important Gaps

(can build upon the foundational process-related requirements)

- Dynamic Model Validation
- Voltage & Frequency Ride-Through
- Annual Transmission Planning
- UVLS, UFLS, MLS
- Nuclear Coordination
- Balancing
- Critical Infrastructure Protection
- EMT Modeling
- Others

- Foundational Standards
- Short-Term Advisory Group





- Short-Term Advisory Group
 - New concept – inspired by MSPP process change recommendations
 - Additional subject matter experts to support Drafting Team

Large Loads Action Plan: 2026–2027 Timeline

Q3 2026

- Publish the Data Center Load Modeling Technical Reference (July, *subject to RSTC approval*)
- Responses due: Level 3 Alert (August 3)
- Post ROP registry criteria for comments (August)
- Post glossary and standard(s) for comments (August)
- Organize Data Center Load Modeling Workshop (September 15-16)

Q4 2026

- Post registry criteria, glossary and standard(s) for additional comment period, (October 21, *if needed*)
- Request Board approval of registry criteria, glossary, and standard(s) (December 5)
- File registry criteria, glossary, and standard(s) (December 31, *subject to Board approval*)

Q1-4 2027

- Draft and file additional applicable Reliability Standards, *as needed*

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NERC

Discussion