



# Reliability Compliance Update

Gizella Mali

July, 2024

NERC Compliance

STANDARD:  
**CIP-014-4**

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

### PROJECT BACKGROUND:

Due to an increase in reports of physical attacks on electric substations, the Federal Energy Regulatory Commission (FERC) issued the December 2022 Order in Docket No. RD23-2-000 directing NERC to evaluate the effectiveness of the Physical Security Reliability Standard CIP-014-3 in mitigating the risks to the Bulk-Power System (BPS) associated with physical attacks. In the [report](#) filed in response to a FERC directive, NERC staff identified continuing inconsistency in registered entity CIP-014-3 risk assessments to most appropriately identify critical infrastructure. FERC directed NERC to evaluate whether the physical security protection requirements in NERC's Reliability Standards are adequate to address the risks associated with physical attacks on BPS Facilities, including the adequacy of the required risk assessment in CIP-014-3 Requirement R1. In the [report](#), NERC found that CIP-014-3 required revision to assure adequate and consistent approach in evaluating instability as well as the identification of infrastructure critical to the operation of the BPS.

[Comment Form](#)

Action

End Date

**Comments  
& Ballot**

**07/03/24**

STANDARDS:  
**PRC-024-4**  
**PRC-029-1**

## [Project 2020-02](#) Modifications to PRC-024 (Generator Ride-through)

### PROJECT BACKGROUND:

Expedited process:

FERC Order 901 requires that IBR-related performance requirements for ride-through are completed and filed with FERC by November 4, 2024. The drafting team will address the IBR-related PRC-029 first and modify PRC-024 to only apply towards synchronous machines. Following the approval of PRC-029, the drafting team will consider additional modifications to PRC-024 to assure performance-based requirements for synchronous machines are adequately addressed.

[Comment](#)

Action

End Date

**Comments  
& Ballots**

**07/08/2024**

STANDARD:  
**PRC-030-1**

## [Project 2023-02](#) Analysis and mitigation of BES Inverter-Based Resource Performance Issues

### PROJECT BACKGROUND:

#### Background

This project addresses the reliability-related need and benefit by requiring analysis and mitigation of unexpected or unwarranted protection and control operations from inverter-based resources following the identification of such a performance issue. This includes any types of protections or controls that result in abnormal performance issues within the plant, including abnormal performance resulting in anomalous behavior of active power output from the facility during events.

[Comment Form](#)

Action

End Date

**Comments &  
Ballot**

**07/10/2024**

STANDARD:  
**MULTIPLE**

## [Project 2024-01](#) Rules of Procedure Definitions Alignment (Generator Owner and Generator Operator) Standard Authorization Request

### PROJECT BACKGROUND:

#### Background

The project will address concerns regarding the reliability impacts of inverter-based resources (IBRs) on the Bulk-Power System that do not meet the current definition of Bulk Electric System (BES) and have not historically been required to be registered with NERC for compliance with the NERC Reliability Standards. Such concerns are discussed in detail in the Federal Energy Regulatory Commission (FERC) November 17, 2022 order in [Docket No. RD22-4-000](#), in which FERC directed NERC to develop a work plan to address the registration of these IBRs and ensure their compliance with Reliability Standards by certain milestone dates. Revising the GO and GOP definitions in the NERC Glossary of Terms to match the registry criteria will ensure these previously unregistered IBRs will be subject to the NERC Reliability Standards and mitigate their impacts on the BPS.

[Comment Form](#)

Action

End Date

**Comments**

**08/20/2024**

## Request for Comments

- Draft Technical Reference Document: Considerations for Performing an Energy Reliability Assessment – Vol 2
  - Comment period June 17, 2024 – August 16, 2024
- [Draft Technical Reference Document: Considerations for Performing an Energy Reliability Assessment – Vol 2](#)
- [Draft Technical Reference Document: Considerations for Performing an Energy Reliability Assessment – Vol 2 – Comment Matrix](#)

## 2024 Registered Ballot Body Self-Select Attestation Process

- Each RBB voting member should log into [Standards Balloting and Commenting System \(SBS\)](#) and **ensure the role listed is “Voter”**. Then click this [link](#) to access the attestation page and complete the steps to confirm there have been no material changes in the last 12 months that affect the entity’s current Segment selection(s), thus the entity continues to meet the Segment qualifications (as outlined in the qualifications in Appendix 3D: *RBB Criteria* referenced below). Proxy Voters **are not** required to attest.
  - **Comment by 8:00 p.m. Eastern, Friday, August 16, 2024.**
- Entities with segment(s) not attested for will be removed from the system. Anyone removed (un-vetted) can re-apply at any time.

### [Appendix 3D Registered Ballot Body \(RBB\) Criteria](#)



## NERC's 2024 State of Reliability (SOR)

- The bulk power system (BPS) remained reliable and resilient in 2023, with no firm load shedding during energy emergencies and quick recovery following severe storms in the United States and wildfires in Canada. Although the BPS was extremely successful at providing reliable energy, high generator outage trends and ongoing inverter ride-through challenges signal potential risks that require mitigating action.
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- [Full Announcement](#)
  - [2024 State of Reliability Overview](#)
  - [2024 State of Reliability Technical Assessment](#)



## NERC Webinar

- FERC Order No. 901 Milestone 3
  - July 10, 2024 12:00 – 1:00 p.m.
  - [Register](#)

## NERC Workshop

- Project 2022-03 – Energy Assurance Draft Team Workshop – Salt Lake City UT
  - August 6, 2024 09:00 a.m. – 4:00 p.m. Mountain
  - [In-Person Registration](#) (closes July 22)
  - [Virtual Registration](#)

## ReliabilityFirst (RF)

- Technical Talks with RF
  - July 15, 2024                      2:00 p.m. – 3:30 p.m.
  - August 19, 2024                    2:00 p.m. – 3:30 p.m.
  
- **Virtual 10th Annual Protection System Workshop for Technical Personnel – [Register](#)**
  - August 7, 2024 | 9:00 a.m. – 1:00 p.m. Eastern
- **Virtual 7th Annual Human Performance Workshop - [Register](#)**
  - August 8, 2024 | 9:00 a.m. – 1:00 p.m. Eastern

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