



Reliability Compliance Update

Gizella Mali
June, 2024
NERC Compliance

STANDARD:
BAL-007-1
BAL-008-1

[Project 2022-03](#) Energy Assurance with Energy-Constrained Resources

PROJECT BACKGROUND:

Background

Project 2022-03 currently has two assigned Standard Authorization Requests (SARs) that seek to enhance reliability by requiring entities to perform Energy Reliability Assessments (ERAs) to evaluate energy assurance and develop Corrective Action Plan(s), Operating Plan(s), or other mitigating actions to address identified risks to each respective time horizon:

- Operations/operational planning time horizon (Operations SAR)
 - BAL-007-1** - Near-term Energy Reliability Assessments
 - BAL-008-1** - Seasonal Energy Reliability Assessments
- Planning time horizon (Planning SAR)

The proposed new Reliability Standard is based on the Operations SAR. The remaining SAR will be addressed at a later date.

[Comment Form](#)

Action

End Date

Join Ballot Pools for BAL-008-1 (BAL-007-1 ballot pools automatically transferred to BAL-008-1)

06/05/24

Comments & Balloting

06/20/24

STANDARD:
PRC-002-5
PRC-028-1

Project 2021-04 Modifications to PRC-002 Phase II

PROJECT BACKGROUND:

1. The first phase addressed the scope regarding notifications relative to the sequence of events recording (SER) and fault recording (FR) data, and to clearly identify the BES Element owners that need to have SER and FR data for transformers and transmission lines with the associated identified bus in the Glencoe Light and Power SAR.
2. The second phase will address gaps the Inverter-Based Resource Performance Task Force (IRPTF) identified within the PRC-002. The goal is to modify the requirements to ensure adequate data is available and periodically assessed to facilitate the analysis of BES disturbances, including in areas of the Bulk Power System (BPS) that may not be covered by the existing requirements.

[Comment Form](#)

Action

End Date

Comment Period

06/14/24

- **Project 2021-04 Modifications to PRC-002 -Phase II**
 - The webinar will cover the proposed standard language and explain how PRC-002-5 and PRC-028-1 meet the reliability objectives
 - June 4, 2024 1:00 – 3:00 p.m.
 - [Join WebEx Meeting](#)

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

Join Ballot Pools

06/18/24

**Comments &
Balloting**

07/03/24

- **Project 2023-06 CIP-014 Risk Assessment Refinement**
 - The webinar will cover the modifications and explain how it meets the reliability objectives laid out in the SAR
 - June 7, 2024 1:00 – 3:00 p.m.
 - [Join WebEx Meeting](#)

STANDARD:
TOP-003
MOD-032
IRO-010

Project 2022-02 Uniform Modeling Framework for IBR Standard Authorization Request (SAR)

PROJECT BACKGROUND:

FERC Order No. 901 – Milestone 3, Part 1: Modeling and Data Sharing Requirements addresses regulatory directives from the NERC Standards Development Work Plan to respond to FERC Order No. 901. This project is intended to establish new or revised Reliability Standards to ensure the usage of a uniform framework for data sharing and model development. This uniform framework is to ensure the directives of Order No. 901 can be effectively met to ensure usage of generic model types for IBR in the Interconnection-wide models.

[SAR: Federal Energy Regulatory Commission \(FERC\) Order No. 901 – Milestone 3, Part 1: Modeling and Data Sharing Requirements](#)

[Comment Form](#)

Action

End Date

Comment Period

06/24/24

STANDARD:
MOD-026
MOD-027

Project 2020-06 Verification of Models and Data for Generators Standard Authorization Request (SAR)

PROJECT BACKGROUND:

FERC Order No. 901- Milestone 3, Part 2: IBR Model Validation.

The IRPTF recommended revisions to clarify the applicable requirements for synchronous generators and IBRs. As such, the SAR proposes revisions to MOD-026-1 and MOD-027-1 to clarify requirements related to IBRs and to require sufficient model verification to ensure accurate generator representation in dynamic simulations.

[SAR: Federal Energy Regulatory Commission \(FERC\) Order No. 901 – Milestone 3, Part 2: IBR Model Validation](#)

[Comment Form](#)

Action

End Date

Comment Period

06/26/24

STANDARD:
MOD-025
PRC-019

**Project 2021-01 Modifications to MOD-025 and PRC-019
 Standard Authorization Request (SAR)**

PROJECT BACKGROUND:

MOD-025-2, revise to address issues regarding verification and data reporting of generator active and reactive power capability. The SAR aims to retain testing activities are useful and focus on more effective means of collecting useful data for planning models.

PRC-019-2, revise to be inclusive of all types of generation resources, address a number of issues identified by the SPCS.

[SAR: Federal Energy Regulatory Commission \(FERC\) Order No. 901 – Milestone 3, Part 3: IBR Modeling Revision](#)

[Comment Form](#)

Action

End Date

Comment Period

06/28/24

STANDARD:
MOD-025
PRC-019

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

PROJECT 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.

[SAR \(Review Only\): Generator Owner and Generator Operator Definition Alignment](#)

[Unofficial Nomination Form](#)

Action

End Date

**Drafting Team
Nominations**

07/01/24

Request for Comments

- Draft Reliability Guideline: Bulk Power System Planning under Increasing Penetration of Distributed Energy Resources
 - Comments due June 6, 2024
 - [Draft Reliability Guideline: Bulk Power System Planning under Increasing Penetration of Distributed Energy Resources](#)
 - [Draft Reliability Guideline: Bulk Power System Planning under Increasing Penetration of Distributed Energy Resources - Comment Matrix](#)

Request for Comments

- NERC Rules of Procedure, Appendix 4E (Compliance and Certification Committee Hearing Procedures, Hearing Procedures for Use in Appeals of Certification Matters, and Mediation Procedures
 - Comments due June 14, 2024
 - Appendix 4E: CCCPP-04 [Redline](#)
 - Appendix 4E: CCCPP-05 [Redline](#)
 - Appendix 4E: CCCPP-06 [Redline](#)
- Comments must be submitted electronically to ROPcomments@nerc.net.

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