

The NERC logo consists of the letters "NERC" in a bold, black, sans-serif font. A horizontal blue bar is positioned directly beneath the letters.

NORTH AMERICAN ELECTRIC
RELIABILITY CORPORATION

Standards Development Update

IBR and Implementation

WECC RAC

October 15, 2024

Jamie Calderon, Director of Standards Development

RELIABILITY | RESILIENCE | SECURITY

- FERC Order 901
 - October 2023
 - 4 Milestones through November 2026
 - IBR related performance issues
 - Leverage existing guidance where possible





STANDARDS MILESTONES: ORDER 901

1

**COMPLETED
JANUARY
2024**

Order No. 901 Work Plan
submission

2

**DUE
NOVEMBER 4,
2024**

Standards development and filing to
address performance requirements
and post-performance validations for
Registered IBRs

3

**DUE
NOVEMBER 4,
2025**

Development and filing of Reliability
Standards to address data sharing
and model validation for all IBRs

4

**DUE
NOVEMBER 4,
2026**

Development and filing of Reliability
Standards to address use of
performance data in Operational and
Planning studies

New PRC-028

Installation of
disturbance
monitoring
equipment

Share data on
request

New PRC-029

Performance
based ride-
through criteria

Capability
based ride-
through criteria

New PRC-030

Analysis of
performance
during a
disturbance

Triggers what is
evaluated for
ride-through
performance

Project 2022-02

Establish
Uniform
Modeling
Framework

Aggregated
nonregistered
IBR and DER

Project 2020-06

Modeling
validation
replacement
requirements

Ongoing
performance
based validation

Project 2021-01

Active project
with other
model validation
standards

Collaborate with
2020-06 for
single solution

Operational Studies

SAR in
development

Anticipated
start in Q3

Planning Studies

SAR in
development

Anticipated
start in Q3

A map of North America, including the United States, Canada, and Mexico. A horizontal band of light blue color runs across the middle of the map, passing through the United States. The text "Questions and Answers" is centered within this band.

Questions and Answers