Unofficial Comment Form

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

**Do not** use this form for submitting comments. Use the [Standards Balloting and Commenting System (SBS)](https://sbs.nerc.net/) to submit comments on **Project 2020-02 Modifications to PRC-024 (Generator Ride-through)** by **8 p.m. Eastern, Monday, September 30, 2024.**

Additional information is available on the [project page](https://www.nerc.com/pa/Stand/Pages/Project_2020-02_Transmission-connected_Resources.aspx). If you have questions, contact Director of Standards Development, [Jamie Calderon](mailto:jamie.calderon@nerc.net) (email), or at 404-960-0568.

## Background Information

The goal of Project 2020-02 is to mitigate the recent and ongoing disturbance ride-through performance issues identified across multiple Interconnections and numbers of disturbances analyzed by NERC and the Regions. These issues have been associated with Inverter-Based Resources (IBR) with many causes of their tripping or cessation unrelated to voltage and frequency protection settings requirements in the currently effective version of PRC-024 and PRC-024-3. Proposed Reliability Standard PRC-024-4 includes revisions to limit its applicability to synchronous generators and synchronous condensers only and remains as a protection-based standard. A new standard, PRC-029-1, is proposed as a true disturbance ride-through Reliability Standard with applicability to inverter-based resources.

In October 2023, FERC issued Order No. 901, which directed NERC to develop new or modified existing Reliability Standards that include new requirements for disturbance monitoring, data sharing, post-event performance validation, and correction of IBR performance. Project 2020-02 was one of three projects identified by NERC that must be completed and filed with FERC by November 4, 2024 to address Order No. 901 directives. At the December 2023 Standards Committee (SC) meeting, the SC approved waivers for Project 2020-02, allowing formal comment periods to be reduced from 45 days to 25 calendar days, and final ballot periods to be reduced from 10 days to as few as 5 calendar days.

On August 15, 2024, the NERC Board of Trustees (Board) invoked Section 321 of the NERC Rules of Procedure (ROP) to address critical and rapidly growing risk to the reliability of the Bulk Power System associated with inverter-based resources (IBR) in response to FERC Order No. 901 directives. PRC-029-1 (Frequency and Voltage Ride-through Requirements for Inverter-based Resources) is a draft standard designed to establish capability-based and performance-based Ride-through requirements for IBRs during grid disturbances. The draft standard failed to achieve consensus from the Registered Ballot Body over multiple ballots, calling into question whether development would be completed by FERC’s filing deadline of November 4, 2024, which resulted in the Board acting under Section 321 of the ROP. Under this special authority, the Board directed the SC to work with NERC to host a technical conference and to ballot an additional ballot of PRC-029-1 within 45-days of the August 15 Board action.

**Questions**

1. Do you agree that the revisions accurately represent the changes discussed at the September Standards Committee and NERC Ride-through Technical Conference?

Yes

No

Comments:

1. Provide any additional comments for consideration, if desired.

Comments: