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, April 22, 2024.**  
**m. Eastern, Thursday, August 20, 2015**

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 Manager of Standards Development, [Jamie Calderon](mailto:jamie.calderon@nerc.net) (via 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, 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 their December 2023 meeting, the Standards Committee approved a waiver for Project 2020-02, allowing formal comment periods to be reduced from 45 days to 25 calendar days, ballot pools reduced from 30 days to as few as 10 days, and final ballot periods to be reduced from 10 days to as few as 5 calendar days.

**Questions**

1. Do you agree with the need for creating a new Standard (PRC-029-1) to address gaps the Inverter-Based Resource Performance Subcommittee (IRPSC) identified within the PRC-024-3 Project 2020-02 SAR and to address the expectations of FERC Order No. 901?

Yes

No

Comments:

2. Do you agree that the language within PRC-029-1 requirements R1, R2, and R6 regarding IBR plant-level performance during grid voltage disturbances is clear?

Yes

No

Comments:

3. Do you agree with the drafting team’s proposals for including IBR transient overvoltage, frequency, ROCOF, and instantaneous voltage phase-angle jump ride-through performance criteria in PRC-029-1 Requirements R3, R4, and R5?

Yes

No

Comments:

4. Provide any additional comments for the Drafting Team to consider, if desired.

Comments: