

**From:** [Guy V. Zito](#)  
**To:** [rsballot](#)  
**Cc:** [rscmembers](#)  
**Subject:** NERC Ballot-Project 2018-04 Modifications to PRC-024-2  
**Date:** Monday, November 4, 2019 9:39:53 AM  
**Importance:** High

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NPCC Members and Entities of the NERC Registered Ballot Body,

A 45-day comment period for PRC-024-3 – Generator Frequency and Voltage Protection Settings is open until 8 p.m. Eastern, Monday, November 4, 2019. A 10-day additional ballot for the standard and a non-binding poll of the associated Violation Risk Factors and Violation Severity Levels, also closes at **8 p.m. - November 4, 2019.**

On November 27, 2018, the NERC Operating Committee (OC) and Planning Committee (PC) submitted a Standard Authorization Request (SAR) prepared by the Inverter-Based Resource Performance Task Force (IRPTF), which reports to the OC and PC. The SAR was written based on the analyses of the Blue Cut Fire and Canyon 2 Fire disturbances in southern California along with the development of the PRC-024-2 Gaps Whitepaper, the IRPTF identified potential modifications to PRC-024-2 to ensure that inverter-based generator owners, operators, developers, and equipment manufacturers understand the intent of the standard in order for their plants to respond to grid disturbances in a manner that contributes to the reliable operation of the BPS and the standard drafting team developed the proposed modifications in PRC-024-3 to address the issues in the SAR.

The NPCC RSC reviewed the standard and did not reach a consensus on the voting position although all the majority of RSC members intend to support the draft standard with an Affirmative ballot. The dissenting opinion indicated that although there is a generator performance curve in the NPCC UFLS Regional Standard, the curve should also appear in the PRC-024-3 standard. Another issue one member had pertained to the voltage per unit no trip zone appearing in Attachment 2, specifically at the 0.15 second – 0.45 V per unit. The entity believes this threshold should be revisited. This particular curve was not changed from the previous version of the standard and the intent of the revision was to clarify the meaning of “momentary cessation” and include an allowance for an inverter based resource to perform in excess of the stated performance identified in the standard, i.e. they don’t have to trip and can provide additional ride through for faults, continue to inject current if their design and system conditions allow, etc.

**NPCC as the Regional Entity will vote affirmatively to support the revision and cast a positive opinion in the non-binding poll.**

If you have any questions please contact me.

Thanks,

Guy V. Zito  
NPCC Asst. Vice President-Standards  
Chair Regional Standards Committee