

# Project 2014-01 Dispersed Generation Resources

## **DRAFT** Plan for Standards Drafting Team Coordination and Balloting Multiple Versions of Standards | September 5, 2014

### Background

Pursuant to the Standards Authorization Request for this project posted on November 20, 2014, the Project 2014-01 Dispersed Generation Resources standards drafting team (DGR SDT) proposes to modify PRC-004-2.1a, PRC-004-3, PRC-005-2, PRC-005-3, PRC-005-X, VAR-002-2b, and VAR-002-3 to account for the unique characteristics of dispersed power producing resources. As the DGR SDT has explained in the White Paper it has developed and posted on its [project page](#), the DGR SDT has classified each of these standards as high-priority standards requiring applicability changes as soon as practicable.

Because each of the high-priority standards has recently been revised or is undergoing revision in another active standard development project, the DGR SDT has developed revisions to multiple versions of each standard to allow for different possibilities in the timing of regulatory approvals. Specifically, two of the three standards identified by the DGR SDT as high priority (PRC-004 and PRC-005) are being or have recently been revised by other projects. NERC and the DGR SDT recognize that developing multiple versions of the same standard in different projects may be confusing; however, developing and balloting the recommended DGR applicability revisions separately from the technical changes that are ongoing in other active standard development projects provides flexibility in effectuating applicability revisions on an expedited timeline as needed to support implementation of the revised definition of the Bulk Electric System. The DGR project is being carefully coordinated with other active standard development projects with careful consideration of the period of time various versions of each standard may be in effect.

When DGR revisions are applied to a standard version that is not the last approved version of the standard or to a standard version that may be superseded by another version in active standard development outside the DGR project, the version is noted with "(X)" after it. For example, the DGR SDT is developing PRC-005-2(X), which proposes applicability changes to PRC-005-2, as well as PRC-005-3(X), which proposes applicability changes to PRC-005-3. Please note that NERC will apply at a later time the appropriate version numbers to standard versions containing an "X" suffix in order to effectively manage sequencing of version numbers in these projects.

### PRC-004 DGR Applicability Modifications

**PRC-004-2.1a** (Analysis and Mitigation of Transmission and Generation Protection System Misoperations) is FERC-approved and has been enforceable since November 25, 2013. PRC-004-3 was in active standard development in Project 2010-05.1 and has been approved by the NERC Board of Trustees (Board). PRC-004-3 will supersede PRC-004-2.1a; however, until PRC-004-3 is approved by applicable government authorities and becomes enforceable, there may be a need for revisions to tailor the applicability of PRC-004-2.1a, which the DGR SDT has balloted as PRC-004-2.1a(X). The proposed implementation period for PRC-004-3 is 12 months.

**PRC-004-3** (Analysis and Mitigation of Transmission and Generation Protection System Misoperations) was in active standard development in Project 2010-05.1 Protection System Misoperations, and was approved by the Board on August 18, 2014. The DGR SDT and the Protection System Misoperations SDT coordinated regarding changes to the applicability of PRC-004. The DGR SDT has balloted proposed applicability revisions to PRC-004-3 as PRC-004-4.

Depending on the timing of the applicable governmental authorities approving PRC-004-3, both PRC-004-2.1a(X) and PRC-004-4 may be needed.

### **PRC-005 DGR Applicability Modifications**

**PRC-005-2** (Protection System Maintenance): PRC-005-2 is FERC-approved and will become enforceable on April 1, 2015. PRC-005-2 has a 12-year phased-in implementation period and may be enforceable for a period of time before PRC-005-3 becomes enforceable after approval by the applicable government authorities. Therefore, the DGR SDT is balloting proposed revisions to the applicability of PRC-005-2 as PRC-005-2(X).

**PRC-005-3** (Protection System and Automatic Reclosing Maintenance): PRC-005-3 was adopted by the Board on November 7, 2013 and filed with the applicable governmental authorities on February 14, 2014. Upon regulatory approval, PRC-005-3 will supersede PRC-005-2, and according to its proposed implementation plan, will continue the 12-year implementation period for components included in PRC-005-2. Therefore, the DGR SDT is balloting proposed revisions to the applicability of PRC-005-3 as PRC-005-3(X).

**PRC-005-X** (Protection System, Automatic Reclosing, and Sudden Pressure Relaying Maintenance): PRC-005-X is currently in an active standards development project. Language to clarify the applicability of the requirements of PRC-005-X was agreed to by both SDTs and is being balloted in the DGR project as PRC-005-X(X). Depending on the timing of the completion of the DGR project relative to Project 2007-17.3, NERC will determine the appropriate approach to filing applicability changes approved by balloters and adopted by the Board.

### **VAR-002 DGR Applicability Modifications**

**VAR-002-2b** (Generator Operation for Maintaining Network Voltage Schedules) is FERC-approved and has been enforceable since July 1, 2013. A successor version, VAR-002-3, is pending regulatory approval and has a proposed implementation period of one quarter. Depending on the timing of regulatory approvals of VAR-002-3, VAR-002-2b may remain in effect. Therefore, the DGR SDT is balloting proposed revisions to clarify the applicability of VAR-002-2b as VAR-002-2b(X).

**VAR-002-3** (Generator Operation for Maintaining Network Voltage Schedules) was adopted by the Board on May 7, 2014 and filed with the applicable governmental authorities on June 10, 2014. No other version of VAR-002 is in active standard development outside the DGR project. Therefore, the DGR SDT is balloting proposed revisions to VAR-002-3 as VAR-002-4.

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