

Implementation Plan Dispersed Generation Resources PRC-019-2

Standards Involved

Approval:

- PRC-019-2 – Coordination of Generating Unit or Plant Capabilities, Voltage Regulating Controls, and Protection

Retirement:

- PRC-019-1 – Coordination of Generating Unit or Plant Capabilities, Voltage Regulating Controls, and Protection

Prerequisite Approvals:

N/A

Background

In light of the adoption of a revised Bulk Electric System (BES) definition by the NERC Board of Trustees, changes to the applicability sections of certain Reliability Standards, including PRC-019, are necessary to align the standards with the implementation of the revised BES definition. The standard drafting team (SDT) for Project 2014-01 – Standards Applicability for Dispersed Generation Resources has modified the applicability section and requirements of certain standards applicable to Generator Owners and Generator Operators to recognize the unique technical and reliability aspects of dispersed power producing resources in order to ensure the applicability of the standards is consistent with the reliable operation of the BES.¹

General Considerations

PRC-019-2 is proposed for approval to align the applicability section of PRC-019-1 with the revised definition of the BES. Specifically, the SDT has recommended revisions to the Facilities section to clarify that facilities that solely regulate voltage at the individual generating unit are subject to the requirements. Given the timing of concurrent standards development of PRC projects, PRC-019-1 may already be retired pursuant to an Implementation Plan of a successor version of PRC-. If this occurs, PRC-019-2 will not go into effect.

¹ The terms “dispersed generation resources” and “dispersed power producing resources” are used interchangeably in Project 2014-01 because the former term was used in the Standards Authorization Request for the project, while the latter term is in line with terminology used in the revised definition of the BES.

Effective Date

PRC-019-2 shall become effective immediately after the standard is approved by an applicable governmental authority or as otherwise provided for in a jurisdiction where approval by an applicable governmental authority is required for a standard to go into effect. Where approval by an applicable governmental authority is not required, the standard shall become effective on the first day of the first calendar quarter after the date the standard is adopted by the NERC Board of Trustees or as otherwise provided for in that jurisdiction.

Retirement of Existing Standards:

The existing standard, PRC-019-1, shall be retired at midnight of the day immediately prior to the Effective Date of PRC-019-2

Applicability:

This standard applies to the following functional entities:

- Transmission Owner that owns synchronous condenser(s)
- Generator Owner

Implementation Plan

All aspects of the Implementation Plan for PRC-019-1 will remain applicable to PRC-019-2 and are incorporated here by reference.

Cross References

The Implementation Plan for the revised definition of “Bulk Electric System” is available [here](#).

The Implementation Plan for PRC-019-1 is available [here](#).