

Implementation Plan

Project 2021-02 Modifications to VAR-002-4.1 Reliability Standard VAR-002-5

Applicable Standard(s)

- Reliability Standard VAR-002-5 — Generator Operation for Maintaining Network Voltage Schedules

Requested Retirement(s)

- Reliability Standard VAR-002-4.1 — Generator Operation for Maintaining Network Voltage Schedules

Applicable Entities

- Generator Operator
- Generator Owner

Background

To clarify that a Generator Operator is required to notify the Transmission Operator for the status change of a voltage controlling device on an individual generating unit for dispersed power producing resources. NERC Project 2014-01 revised VAR-002 Requirement R4 to clarify that it is not applicable to individual generating units of dispersed power producing resources. No reason has been identified as to why Requirement R3 should be treated differently than Requirement R4 in this respect and Project 2021-02 – Modifications to VAR-002-4.1 has been modified to make this same clarification to Requirement R3.

NERC Project 2016-EPR-02 – Enhanced Periodic Review of Voltage and Reactive Standards recommendations were also considered in the modifications to VAR-002-4.1 in Requirements R1 through R6 for consideration of IBR Voltage/VAR control and operation.

General Considerations

This Implementation Plan reflects consideration that responsible entities will need time to change any threshold and communication medium to mutually-agreed criteria for required VAR-002 Requirements R3 and R4 reporting. The VAR-002 Requirements R3 and R4 reporting is to be used for the Generator Operator to make this notification to the Transmission Operator and to allow flexibility between those parties as to what method is most appropriate. The Standard Drafting Team (SDT) reviewed other standards that support the mutually-agreed criteria, such as COM-001 and TOP-003, for procedures in place to implement changes in communication and data specification for consideration of implementation. The intent of the SDT was not to require

additional monitoring, but to add clarity of what needs reported to what is being monitored for reliable operations.

Effective Date

Reliability Standard VAR-002-5

Where approval by an applicable governmental authority is required, the standard shall become effective on the first day of the first calendar quarter that is twelve (12) months after the effective date of the applicable governmental authority's order approving the standard, or as otherwise provided for by the applicable governmental authority.

Where approval by an applicable governmental authority is not required, the standard shall become effective on the first day of the first calendar quarter that is twelve (12) months after the date the standard is adopted by the NERC Board of Trustees, or as otherwise provided for in that jurisdiction.

Retirement Date

Reliability Standard VAR-002-4.1

Reliability Standard VAR-002-4.1 shall be retired immediately prior to the effective date of Reliability Standard VAR-002-5 in the particular jurisdiction in which the revised standard is becoming effective.