

Implementation Plan VAR Directives Project

Implementation Plan for VAR-001-4 and VAR-002-3

Approvals Required

VAR-001-4 – Voltage and Reactive Control

VAR-002-3 — Generator Operation for Maintaining Network Voltage Schedules

Prerequisite Approvals

There are no other standards that must receive approval prior to the approval of this standard.

Revisions to Glossary Terms

None

Applicable Entities

Generator Operators (VAR-002-3)

Generator Owners (VAR-002-3)

Transmission Operators (VAR-001-4)

Applicable Facilities

N/A

Conforming Changes to Other Standards

None

Effective Dates

VAR-001-4 and VAR-002-3 – All requirements shall become effective on the first day of the first calendar quarter after the date that 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, VAR-001-4 and VAR-002-3 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.

Justification

The currently effective VAR-002 standard is one of the most violated standards; however, the industry argues these violations do not address any reliability gaps. Instead, Generator Operators and Transmission Operators are required to handle many nuisance phone calls for slight deviations from a voltage schedule. The nuisance phone calls can be a distraction during a scheduled maintenance or a system event; thus, the industry would support making the changes as soon as possible. However, since VAR-001 now requires determining voltage and reactive power schedules with associated tolerance bands in addition to any notification requirements, the Transmission Operators need a quarter to prepare documentation. The VAR-002 standards cannot go into effect without the new TOP schedules and notification requirements. Also for Transmission Operators that do not already provide tolerance bands with voltage schedules, those Transmission Operators will need some time to adjust to providing new data (more specifically, the criteria for schedules) to Generator Operators.

Retirements

VAR-001-3 and VAR-002-2b will be retired at midnight of the day immediately prior to the Effective Date of VAR-001-4 and VAR-002-3 in the particular jurisdiction in which the new standards are becoming effective.