

## VAR Mapping Document

### Transition of VAR-001-3 and VAR-002-2b

Standard: VAR-001-4 – Voltage and Reactive Control		
Requirement in Approved Standard	Transitions to the below Requirement in New Standard or Other Action	Description and Change Justification
VAR-001-3 R1	Requirement R1	This requirement is duplicated in other standards, and the new requirement has been simplified to require the specification of the voltage and Reactive Power schedules and associated tolerance bands. A new part 1.1 has been added to allow for voltage coordination with adjacent TOPs and applicable RCs.
VAR-001-3 R2	Requirement R2	The new requirement has been updated to scheduling of resources. It eliminates the need for the existing R7, R8, and R9. It also maintains a list of sufficient reactive resources.
VAR-001-3 R3	Requirement R4	The new requirement has been simplified by removing the need to maintain an exemption list. Instead, the standard focuses on whether the exemption criteria are known and whether a granted exemption was communicated to the applicable Generator.

Standard: VAR-001-4 – Voltage and Reactive Control		
Requirement in Approved Standard	Transitions to the below Requirement in New Standard or Other Action	Description and Change Justification
VAR-001-3 R4	Requirement R5	The new requirements have been updated to allow the TOP to provide the voltage or Reactive Power schedule at either the high side or the low side of the GSU. Also as tolerance band is now required under the new requirement. New parts have also been added to direct a GOP to operate in AVR, to require the TOP to provide notification requirements, and to provide the criteria for developing schedules and tolerance bands upon request.
VAR-001-3 R5	Deleted	Pending a final rulemaking on P81, this requirement has been deleted.
VAR-001-3 R6	Deleted	This requirement is deleted because the TOP standards require knowing the status of Reactive Power resources. Although power system stabilizers are not specifically named in the TOP standards, the areas that rely on PSS equipment will require monitoring the status under the data specifications of the TOP standards.
VAR-001-3 R7	Deleted	This has moved into the new R3.
VAR-001-3 R8	Deleted	This has moved into the new R3.
VAR-001-3 R9	Deleted	See comments for new R2.
VAR-001-3 R10	Deleted	This is duplicative of TOP-001-2 and the Tv definition.
VAR-001-3 R11	Requirement R6	The requirement has been updated to allow for scheduling consultation.
VAR-001-3 R12	Deleted	This requirement was deleted because the EOP standards address taking any corrective action including load-shedding. Also the new TOP-002-3 R2 and TOP-001-2 R11 address the TOP taking corrective actions.

Standard: VAR-002-3 – Capacity Benefit Margin		
Requirement in Approved Standard	Transitions to the below Requirement in New Standard or Other Action	Description and Change Justification
VAR-002-2b R1	Requirement R1	The requirement has been modified to allow for testing and exemptions for other AVR modes when necessary.
VAR-002-2b R2	Requirement R2	The new requirement has been updated to allow for TOP-defined notification requirements. The requirement also adds parts to allow for the conversion of a high side schedule to a low side number for monitoring purposes.
VAR-002-2b R3	Requirement R3 and R4.	The old requirement has been broken into two requirements: 1) one for AVR/PSS status, and 2) one for reactive capability. Both allow 15 minutes to correct an issue before having to notify the TOP.
VAR-002-2b R3	Requirement R4	The requirement has not been modified.
VAR-002-2b R4	Requirement R5	The requirement has not been modified.