

VAR Mapping Document

Transition of VAR-001-3 and VAR-002-2b (the *pro forma* standard)

| Standard: VAR-001-4 – Voltage and Reactive Control | | |
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| 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 | The <i>pro forma</i> creates adds additional sub-requirements that requires the policies and procedures to include criteria for system assessments. The assessments must now include steady-state limits, voltage stability limits and associated operating margins, and voltage schedules along with associated tolerance bands. The sub-requirements also now mandate that information is shared with neighboring TOPs and the applicable RC. |
| VAR-001-3 R2 | Requirement R2 | The new requirement has been updated to incorporate real-time and day-ahead scheduling of resources. It eliminates the need for the existing R7, R8, and R9. |
| VAR-001-3 R3 | Requirement R3 | 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. |

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| Requirement in Approved Standard | Transitions to the below Requirement in New Standard or Other Action | Description and Change Justification |
| VAR-001-3 R4 | Requirement R4 | 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. |
| VAR-001-3 R5 | Deleted | Pending a final rulemaking on P81, this requirement has been deleted. |
| VAR-001-3 R6 | Requirement R5 | The sub-requirement R6.1 was deleted because it is duplicative of VAR-002's requirement R1 and R2. |
| VAR-001-3 R7 | Deleted | See comments for new R2. |
| VAR-001-3 R8 | Deleted | See comments for new R2. |
| 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 only change is the numbering due to other deletions. |
| 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 | | |
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| 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 not been modified. |

| Standard: VAR-002-3 – Capacity Benefit Margin | | |
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| Requirement in Approved Standard | Transitions to the below Requirement in New Standard or Other Action | Description and Change Justification |
| VAR-002-2b R2 | Requirement R2 | The new <i>pro forma</i> requirement has been updated by including a new sub-requirement to allowing GOPs to only call in certain instances when deviating from voltage schedules . |
| VAR-002-2b R2 | Requirement R3 | The new <i>pro forma</i> requirement has been updated by including a new sub-requirement to allowing GOPs to investigate why the status has changed on AVR equipment before having to notify the TOP. |
| VAR-002-2b R2 | Requirement R4 | The requirement has not been modified. |
| VAR-002-2b R2 | Requirement R5 | The requirement has not been modified. |