

Project 2007-09 Generator Verification Implementation Plan

Implementation Plan for MOD-025-2, Verification and Data Reporting of Generator Real and Reactive Power Capability

Prerequisite Approvals

None

Revisions to Approved Standards and Definitions

Replace all requirements of MOD-025-1 and retire all requirements of MOD-024-1.

Compliance with the Standard

The following entities are responsible for being compliant with all requirements of MOD-025-2:

- Transmission Owner
- Generator Owner
- Facilities
 - Individual generating unit > 20 MVA (gross nameplate rating) in a generating facility connected at the point of interconnection at 100 kV or above.
 - Generating plant/facility > 75 MVA (gross aggregate nameplate rating) and connected at the point of interconnection at 100 kV or above.
 - Blackstart units, regardless of size that are included in a Blackstart Capability Plan.
 - Synchronous condensers greater than or equal to 50 MVA.

Effective Date

In those jurisdictions where regulatory approval is required:

- By the first day of the next calendar quarter, one calendar year following applicable regulatory approval each Generator Owner and Transmission Owner shall have verified at least 20% of its applicable units.

- By the first day of the next calendar quarter, two calendar years following applicable regulatory approval each Generator Owner and Transmission Owner shall have verified at least 40% of its applicable units.
- By the first day of the next calendar quarter, three calendar years following applicable regulatory approval each Generator Owner and Transmission Owner shall have verified at least 60% of its applicable units.
- By the first day of the next calendar quarter, four calendar years following applicable regulatory approval each Generator Owner and Transmission Owner shall have verified at least 80% of its applicable units.
- By the first day of the next calendar quarter, five calendar years following applicable regulatory approval each Generator Owner and Transmission Owner shall have verified 100% of its applicable units.

In those jurisdictions where regulatory approval is not required:

- By the first day of the next calendar quarter, one calendar year following Board of Trustees approval each Generator Owner and Transmission Owner shall have verified at least 20% of its applicable units.
- By the first day of the next calendar quarter, two calendar years following Board of Trustees approval each Generator Owner and Transmission Owner shall have verified at least 40% of its applicable units.
- By the first day of the next calendar quarter, three calendar years following Board of Trustees approval each Generator Owner and Transmission Owner shall have verified at least 60% of its applicable units.
- By the first day of the next calendar quarter, four calendar years following Board of Trustees approval each Generator Owner and Transmission Owner shall have verified at least 80% of its applicable units.
- By the first day of the next calendar quarter, five calendar years following Board of Trustees approval each Generator Owner and Transmission Owner shall have verified 100% of its applicable units.

The Implementation Plan phasing proposed is designed to allow large entities with dozens of units requiring verification an adequate amount of time to obtain resources and conduct testing to become fully compliant with standard requirements. The phase in period is set at five years with expectation at least 20% of an entities' applicable units will be verified annually with full compliance achieved by the end of the five year period. The 20% annual increment threshold was also selected to ensure that small entities with few units have incentive to become fully compliant in a timely manner and not delay verification of its applicable units until the fifth year of the phasing period.