

Project 2007-09 Generator Verification Implementation Plan

Implementation Plan for PRC-019-1, Coordination of Generating Unit or Plant Capabilities,
Voltage Regulating Controls ~~with Generating Unit or Plant Capabilities~~ and Protection

Approvals Requested:

PRC-019-1 - Coordination of Generating Unit or Plant Capabilities, Voltage Regulating Controls ~~with
Generating Unit or Plant Capabilities~~ and Protection

Prerequisite Approvals

None

Revisions to Approved Standards and Definitions

None

Compliance with the Standard

The following entities are responsible for being compliant with all requirements of PRC-019-1:

- Transmission Owner that owns synchronous condenser(s)
- Generator Owner
- Facilities:
 - Individual generating unit ~~and synchronous condenser~~ greater than 20 MVA (gross nameplate rating) in a generating Facility directly connected to the bulk power system at the point of interconnection at 100 kV or above.
 - Individual synchronous condenser greater than 20 MVA (gross nameplate rating) in a generating Facility directly connected to the bulk power system
 - Generating plant/Facility consisting of one or more units that are connected to the bulk power system at a common bus with total generation greater than > 75 MVA (gross aggregate nameplate rating) ~~and connected at the point of interconnection at 100 kV or above.~~
 - ~~Blackstart units~~ Any generator, regardless of size, that is a Blackstart Resource material to and designated as part of included in a Transmission Operator's restoration Blackstart Capability Plan.

Effective Date

The first day of the first calendar quarter ~~two~~one years following applicable regulatory approval; or in those jurisdictions where no regulatory approval is required, the first day of the first calendar quarter ~~two~~one years following Board of Trustees adoption:

- Each Generator Owner and Transmission Owner shall have at least ~~20~~percent of applicable units and facilities fully compliant with this standard.

The first day of the first calendar quarter two years following applicable regulatory approval; or in those jurisdictions where no regulatory approval is required, the first day of the first calendar quarter ~~two~~three years following Board of Trustees adoption:

- Each Generator Owner and Transmission Owner shall have at least ~~40~~percent of applicable units and facilities fully compliant with this standard.

The first day of the first calendar quarter three years following applicable regulatory approval; or in those jurisdictions where no regulatory approval is required, the first day of the first calendar quarter three years following Board of Trustees adoption:

- Each Generator Owner and Transmission Owner shall have at least ~~60~~percent of applicable units and facilities fully compliant with this standard.

The first day of the first calendar quarter four years following applicable regulatory approval; or in those jurisdictions where no regulatory approval is required, the first day of the first calendar quarter four years following Board of Trustees adoption:

- Each Generator Owner and Transmission Owner shall have at least ~~80~~percent of applicable units and facilities fully compliant with this standard.

The first day of the first calendar quarter five years following applicable regulatory approval; or in those jurisdictions where no regulatory approval is required, the first day of the first calendar quarter five years following Board of Trustees adoption:

- Each Generator Owner and Transmission Owner shall have ~~100~~percent of applicable units and facilities fully compliant with this standard.

Justification for Phasing:

The coordination activities in this standard (PRC-019-1) are most effectively performed just prior to the performance of a reactive capability test as required by MOD-025-2. Hence, the SDT has followed the same implementation schedule in PRC-019-1 as defined in MOD-025-2.

Retirements

None