

## **Implementation Plan for PRC-002-RFC-01**

### Reasonable business judgment in regards to existing DME

Existing Disturbance monitoring equipment which was installed prior to Board approval of PRC-002-RFC-01 at the locations required by the Standard per R1.1.1, R2.1.1 and R3.1 will be deemed compliant until five years after Board adoption or ten years after installation (whichever is later) after Board Approval if the installation satisfies the following criteria:

- At least 50 % of required system elements per R1.1.2, R2.1.2, R3.1.2 and R3.2.1 are being monitored
- At least 50% of required monitored quantities per R1.2, R2.2 and R3.3 are being monitored

All locations must be fully compliant with all requirements of the Standard within five years after Board adoption or ten years after installation, whichever is later. However, existing DMEs that are required by this Standard must be time-synchronized according to the time implementation schedule below.

### Proposed effective dates for installation of required new DMEs and time-synchronization capability on all DMEs, as established by NERC PRC-018, phased in over four years after Board adoption:

1. Within 2 years of Board Approval,
  - a. The entities shall be 50% compliant on
    - i. Monitoring required system equipment on SOE
    - ii. Monitoring required system elements on fault recording and DDR
    - iii. Providing time-synchronism of all required SOE, fault recording, and dynamic recording functions
  - b. Existing system equipment which is monitored on SOE count toward this requirement.
  - c. Existing system elements which are monitored on fault recording functions count toward this requirement.
  - d. Existing system elements which are monitored on DDR count toward this requirement.
2. Within 3 years of Board Approval,
  - a. The entities shall be 75% compliant on
    - i. Monitoring required system equipment on SOE
    - ii. Monitoring required system elements on fault recording and DDR
    - iii. Providing time-synchronism of all required SOE, fault recording, and dynamic recording functions
  - b. Existing system equipment which is monitored on SOE count toward this requirement.
  - c. Existing system elements which are monitored on fault recording functions count toward this requirement.

- d. Existing system elements which are monitored on DDR count toward this requirement.
3. Within 4 years of Board Approval, 100% of locations system-wide which require, respectively, SOE, Fault Recording, and dynamic disturbance recording equipment will have equipment installed which satisfies the requirements of this standard
  - a. Locations which previously have SOE which record at least 50% of the required system elements and 50% of the overall required system equipment do not yet have to be fully compliant
  - b. Locations which previously have fault recording which record at least 50% of the required system elements and 50% of the overall required monitored quantities do not yet have to be fully compliant
  - c. Locations which previously have dynamic disturbance recording which record at least 50% of the required system elements and 50% of the overall required monitored quantities do not yet have to be fully compliant.
4. Within 10 years of Board Approval, ALL locations system-wide which require, respectively, SOE, Fault Recording, and dynamic disturbance recording equipment will be fully compliant with this Standard.

Impact on Existing Standards, Legacy Documents and Other Standards Under Development

Upon approval by the Board, MAIN Guide 12, ECAR Document 14 and MAAC Document B-6 will be retired in their entirety.