

Project 2008-02 Undervoltage Load Shedding

Coordination Plan | June 24, 2014

Background

Project 2008-02 Undervoltage Load Shedding (“UVLS Project”) proposes to consolidate and retire PRC-010-0, PRC-020-1, PRC-021-1, and PRC-022-1 to create PRC-010-1 – Undervoltage Load Shedding. During development, the drafting team identified the following necessary corresponding changes to meet the design of PRC-010-1:

- 1) Retire three requirements in EOP-003-2 – Load Shedding Plans whose required performance is reflected in proposed PRC-010-1.
- 2) Modify the current NERC Glossary definition of the term Special Protection System (SPS), which excludes UVLS, to include a subset of UVLS programs that are more appropriately categorized as SPSs and covered by SPS-related standards.
- 3) Modify PRC-004-3 – Protection System Misoperation Identification and Correction, which excludes UVLS, to include certain types of UVLS programs as part of its applicable facilities.

In order to make the necessary changes, the UVLS Project needs to coordinate with ongoing development work in three active NERC standard development projects as follows:

- Project 2009-03 – Emergency Operations (“EOP Project”)
- Project 2010-05.2 – Special Protection Systems (Phase 2 of Protection Systems) (“SPS Project”)
- Project 2010-05.1 – Misoperations (Phase 1 of Protection Systems) (“Misoperations Project”)

Current Coordination Plan

NERC has identified a preferred project plan to coordinate the above-mentioned projects to properly align legacy standard retirements and revised standard and definition implementations due to the differences in each project's timing.

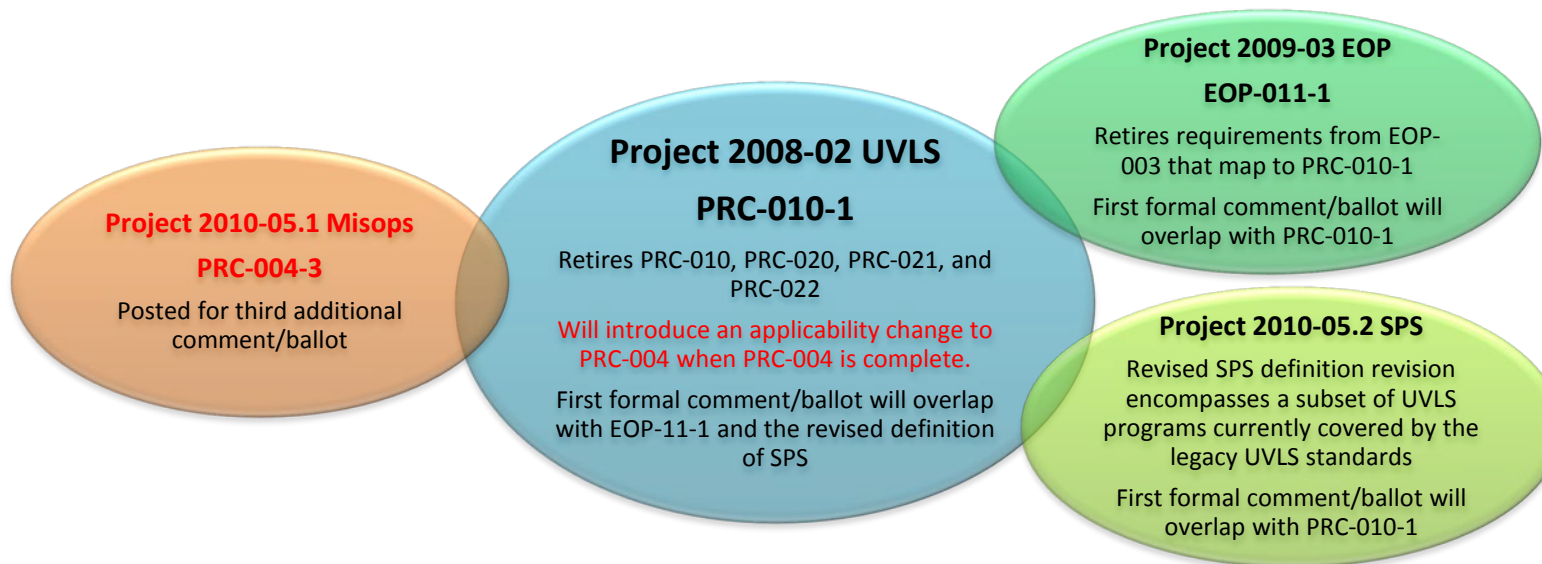
- 1) The EOP and UVLS Projects will progress simultaneously and coordinate necessary changes. Comment periods and ballots for each project will either run concurrently or overlap.
- 2) The SPS Project is proposing to revise the definition of SPS in advance of revising the SPS standards. The UVLS Project will progress simultaneously with the SPS definition revision in order to properly transfer certain aspects of the legacy UVLS standards into coverage under the SPS standards. Comment periods and ballots for each project will either run concurrently or overlap.
- 3) The UVLS Project will address the conforming changes needed to PRC-004 after PRC-004-3 is complete. How and when this will occur depends on when PRC-004-3 obtains approval from the ballot body and is adopted by the NERC Board of Trustees.

An illustrative diagram of this coordination appears on the next page. This plan is subject to change as necessary.

General Considerations

The revised definition of SPS, the UVLS Project, and the EOP Project should be presented simultaneously to industry, the NERC Board of Trustees, and applicable regulatory authorities. The associated effective dates and retirements for these projects need to align to accommodate the needed transitions of standard coverage.

The implementation plan for the revised SPS definition will need to address entities that will have newly identified SPSs resulting from the application of the defined term with respect to the inclusion of the subset of UVLS programs that are proposed as more appropriately categorized as SPSs and covered by SPS-related standards.



April 2014
First SPS SDT Meeting

February 2015
UVLS and EOP Standards and SPS Definition to BOT

TBD
Revised SPS Standards to BOT

June 2014
UVLS and EOP Standards and SPS Definition First Ballot

April 2015
UVLS and EOP Standards and SPS Definition Petition Package to FERC