

Project 2008-02 Undervoltage Load Shedding

Coordination Plan | June 11, 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) Revise the NERC Glossary definition of the term Special Protection System (SPS) to clarify that centrally controlled undervoltage-based load shedding is an SPS because of its design and characteristics.
- 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.

To make these changes, the UVLS drafting team is coordinating with drafting teams from the three active NERC standard development projects listed below:

- 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 developed a preferred coordination plan for the above-mentioned projects that will properly align the development and implementation of the revised standards and definitions with the retirements of the legacy standards.

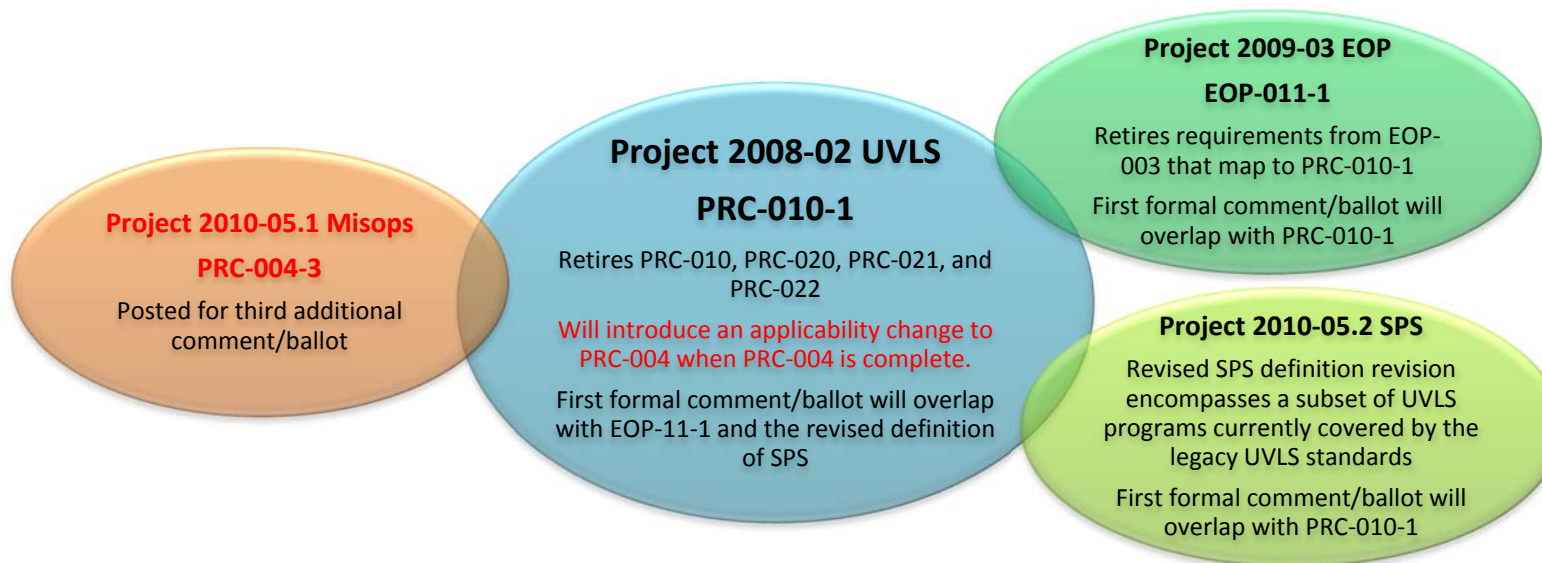
- 1) The EOP and UVLS Projects will progress simultaneously and coordinate necessary changes. Comment periods and ballots for each project will run concurrently or overlap.
- 2) The UVLS Project will progress simultaneously with the SPS definition revision by the SPS Project to assure the cohesive transfer of certain aspects of the legacy UVLS standards to the SPS standards. Comment periods and ballots for each project will 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 provide entities time to address any newly-identified SPS resulting from the application of the revised definition of SPS which will include centrally controlled undervoltage-based load shedding.



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