

Meeting Notes

Project 2007-17 Protection System Maintenance and Testing Standard Drafting Team

January 24-26, 2012

Pacific Gas and Electric
San Francisco, CA

Administrative

1. Introductions

The meeting was brought to order by Charles Rogers at 8:00 a.m. PT on Tuesday, January 24, 2012. Aaron Feathers provided the team with building and safety information/logistics. Each participant was introduced; those in attendance were:

Name	Company	Member/ Observer
Charles W. Rogers, Chair	Consumers Energy	Member
John Anderson	Excel Energy, Inc	Member
Rick Ashton	Tri-State G & T Association, Inc.	Member
Bob Bentert	Florida Power & Light Co.	Member
Forrest Brock	Western Farmers Electric Cooperative	Member
Aaron Feathers	Pacific Gas and Electric Company	Member
Samuel Francis	Oncor Transmission	Member
Russell Hardison	TVA	Member
Dave Harper	NRG Energy	Member
James M. Kinney	First Energy	Member
Mark Lukas	Commonwealth Edison Co.	Member

Name	Company	Member/ Observer
Kristina Marriott	ENOSERV	Member
Michael Palusso	South California Edison Company	Member
Mark Peterson	Great River Energy	Member
John Schechter	AEP	Member
William D. Shultz	Southern Company	Member
Matthew Westrich	American Transmission Company, LLC	Member
Philip B. Winston	Georgia Power Company	Member
David Youngblood	Luminant Energy	Member
John Zipp	ITC Holdings	Member
Duane Buchanan	Duke Energy	Observer
Michael Gerken	NV	Observer
Danny Johnson	FERC	Observer
Robert Lloyd	SCE	Observer
Steven Powell	TBC	Observer
Patrick Sorrells	SMUD	Observer
Stu Steiner	LA DWP	Observer
Danfer Stevenson	PG & E	Observer
Andy Dressel	NERC Staff	Member
Al McMeekin	NERC Staff	Member

2. Determination of Quorum

The rule for NERC Standard Drafting Team (SDT) states that a quorum requires two-thirds of the voting members of the SDT. Quorum was achieved as 20 of 23 total members were present.

3. NERC Antitrust Compliance Guidelines and Public Announcement

NERC Antitrust Compliance Guidelines and public announcement were reviewed by Al McMeekin. There were no questions raised.

4. Roster Updates

The team reviewed the team roster and confirmed that it was accurate and up to date.

Agenda

1. Actions

- a. The drafting team made several changes to the Standard Authorization Request (SAR). The proposed title of the standard was changed to “Protection System Maintenance”; Reliability Principle item #4 was removed as it does not apply to the standard; and the “Transmission and Generation” descriptor of Protection Systems was removed from the Detailed Description area of the SAR.

- b. The drafting team split Requirement R3 into three separate requirements for better clarity.

Requirement R3 has been revised so that, for time-based programs, entities must comply with the standard’s tables rather than their Protection System Maintenance Program (PSMP). Requirement R3 now reads: Each Transmission Owner, Generator Owner, and Distribution Provider that utilizes time-based maintenance program(s) shall maintain its Protection System components that are included within the time-based maintenance program in accordance with the minimum maintenance activities and maximum maintenance intervals prescribed within Tables 1-1 through 1-5, Table 2, and Table 3.

Requirement R4 has been added to address performance-based maintenance. The new Requirement R4 is as follows: Each Transmission Owner, Generator Owner, and Distribution Provider that utilizes performance-based maintenance program(s) in accordance with Requirement R2 shall implement and follow its PSMP for its Protection System components that are included within the performance-based program.

Requirement R5 has been added to address Unresolved Maintenance Issues. The definition of the term “Unresolved Maintenance Issues” has been enhanced for additional clarity, and now reads: Unresolved Maintenance Issue - A deficiency identified during a maintenance activity that causes the component to not meet the intended performance and requires follow-up corrective action.

The new Requirement R5 is as follows: Each Transmission Owner, Generator Owner, and Distribution Provider shall demonstrate efforts to correct identified Unresolved Maintenance Issues.

- c. In Table 1-5 (Component Type - Control Circuitry Associated With Protective Functions), the SDT removed the auxiliary relays from the 6-year periodic maintenance associated with electromechanical lockout devices, and included them in the 12-year periodic maintenance associated with the unmonitored control circuitry associated with protective functions.
- d. Table 1-4(f) was modified to more accurately represent the monitoring attributes and related activities for monitored Vented Lead-Acid and Valve-Regulated Lead-Acid batteries.
- e. The drafting team developed the posting questions.

2. Action Items

- a. Mr. McMeekin will prepare and submit all documents to Quality Review.
- b. Mr. McMeekin will schedule and announce the next meeting depending upon actual posting date.
- c. The following volunteer assignments were made for preliminary responses to the posting questions:
 - Q1 - David Youngblood, Bill Schulz, and John Zipp
 - Q2 - Forrest Brock, Matt Westrich, Sam Francis, and Jim Kinney
 - Q3 - Kristina Marriott, Bob Bentert, Mark Peterson, and John Anderson
 - Q4 - John Schechter and Mike Gerken

3. Future meeting(s)

To be determined: April/May, 2012 – Ft. Worth, TX.

4. Adjourn

The meeting adjourned at 5:00 p.m. PT on Thursday, January 26, 2012.