ADSCOM Report

Fall 2014

1. STANDARDS COORDINATORS REPORT

The Switchgear Committee has;

69 active documents,
2 new documents under development,
31 active PARs.

2. DOCUMENT STATUS

There are 38 Switchgear documents scheduled for Administrative Withdrawal on 31 December 2018. 8 of these documents are Amendments, Corrigendum, etc. and will be rolled into the parent document. There are 18 active PARs for this work.

PAR indicated by (P)
PAR expiring in 2014 indicated by (P)

These documents must be completed by 2018; that means only 4 years to complete the revision process. The list of documents scheduled to expire is provided by responsible subcommittee below:

ADSCOM 2

C37.59-2007	**(P)**	IEEE Standard Requirements for Conversion of Power Switchgear Equipment
C37.100-1992		IEEE Standard Definitions for Power Switchgear
C37.100.1-2007	**(P)**	IEEE Standard of Common Requirements for High Voltage Power Switchgear Rated Above 1000 V

HVCB 6

C37.04-1999	**(P)**	IEEE Standard Rating Structure for AC High-Voltage Circuit Breakers
C37.04a-2003		IEEE Standard Rating Structure for AC High-Voltage Circuit Breakers Rated on a Symmetrical Current Basis: Amendment 1 Capacitance Current Switching
C37.04b-2008		IEEE Standard for Rating Structure for AC High-Voltage Circuit Breakers Rated on a Symmetrical Current Basis Amendment 2: To Change the Description of Transient Recovery Voltage for Harmonization with IEC 62271-100
C37.09-1999	**(P)**	IEEE Standard Test Procedure for AC High-Voltage Circuit Breakers Rated on a Symmetrical Current Basis
C37.09-1999/Cor 1-2007		IEEE Standard Test Procedure for AC High-Voltage Circuit Breakers Rated on a Symmetrical Current Basis - Corrigendum 1
C37.09a-2005		American National Standard Test Procedure for AC High-Voltage Circuit Breakers Rated on a Symmetrical Current Basis Amendment 1: Capacitance Current Switching
C37.010-1999	**(P)**	IEEE Application Guide for AC High-Voltage Circuit Breakers Rated on a Symmetrical Current Basis
P62271-37-013 ***(C37.013-1997)***	**(P)**	IEEE Standard for AC High-Voltage Generator Circuit Breakers Rated on a Symmetrical Current Basis
C37.013a-2007		IEEE Standard for AC High Voltage Generator Circuit Breakers Rated on a Symmetrical Current Basis - Amendment 1: Supplement for Use with Generators Rated 10-100 MVA
C37.016-2006		IEEE Standard for AC High Voltage Circuit Switchers rated 15.5kV through 245kV
C37.081-1981		IEEE Guide for Synthetic Fault Testing of AC High-Voltage Circuit Breakers Rated on a Symmetrical Current Basis
C37.081a-1997		Supplement to IEEE Guide for Synthetic Fault Testing of AC High Voltage Circuit Breakers Rated on a Symmetrical Current Basis
C37.083-1999		IEEE Guide for Synthetic Capacitive Current Switching Tests of AC High-Voltage Circuit Breakers

C37.10.1-2000	**(P)**	IEEE Guide for the Selection of Monitoring for Circuit Breakers
C37.11-1997	**(P)**	IEEE Standard Requirements for Electrical Control for AC High-Voltage Circuit Breakers Rated on a Symmetrical Current Basis
C37.12-2008		IEEE Guide for Specifications of High-Voltage Circuit Breakers (over 1000 Volts)
C37.12.1-2007		IEEE Guide for High-Voltage (>1000 V) Circuit Breaker Instruction Manual Content

HVF 1

C37.41-2008	**(P)**	IEEE Standard Design Tests for High-Voltage (>1000 V) Fuses, Fuse and Disconnecting Cutouts, Distribution Enclosed Single-Pole Air Switches, Fuse Disconnecting Switches, and Fuse Links and Accessories Used with These Devices
C37.43-2008		IEEE Standard Specifications for High-Voltage Expulsion, Current-Limiting, and Combination-Type Distribution and Power Class External Fuses, with Rated Voltages from 1 kV through 38 kV, Used for the Protection of Shunt Capacitors
C37.45-2007		IEEE Standard Specifications for High Voltage Distribution Class Enclosed Single-Pole Air Switches with Rated Voltages from 1 through 8.3 kV

HVS 0

1247-2005		IEEE Standard for Interrupter Switches for Alternating Current, Rated Above 1000 Volts

LVSD 2

C37.13-2008	**(P)**	IEEE Standard for Low-Voltage AC Power Circuit Breakers Used in Enclosures
C37.13.1-2006		IEEE Standard for Definite Purpose Switching Devices for Use in Metal-Enclosed Low-Voltage Power Circuit Breaker Switchgear

C37.14-2002	**(P)**	IEEE Standard for Low-Voltage DC Power Circuit Breakers Used in Enclosures
C37.27-2008		IEEE Application Guide for Low-Voltage AC Power Circuit Breakers Applied with Separately-Mounted Current-Limiting Fuses

RODE 2

C37.66-2005	**(P)**	IEEE Standard Requirements for Capacitor Switches for AC Systems (1 kV to 38 kV)
C37.74-2003	**(P)**	IEEE Standard Requirements for Subsurface, Vault, and Padmounted Load-Interrupter Switchgear and Fused Load-Interrupter Switchgear for Alternating Current Systems up to 38 kV

SASC 5

C37.20.1-2002	**(P)**	IEEE Standard for Metal-Enclosed Low-Voltage Power Circuit Breaker Switchgear
C37.20.1a-2005		IEEE Standard for Metal-Enclosed Low-Voltage Power Circuit Breaker Switchgear---Amendment 1: Short-Time and Short-Circuit Withstand Current Tests---Minimum Areas for Multiple Cable Connections
C37.20.1b-2006		IEEE Standard for Metal-Enclosed Low-Voltage Power Circuit Breaker Switchgear - Amendment 2: Additional Requirements for Control and Auxiliary Power Wiring in DC Traction Power Switchgear
C37.20.2-1999	**(P)**	IEEE Standard for Metal-Clad Switchgear
C37.20.6-2007	**(P)**	Standard for 4.76 kV to 38 kV Rated Ground and Test Devices Used in Enclosures
C37.20.7-2007	**(P)**	IEEE Guide for Testing Metal-Enclosed Switchgear Rated Up to 38 kV for Internal Arcing Faults
C37.23-2003	**(P)**	IEEE Standard for Metal-Enclosed Bus
C37.24-2003		IEEE Guide for Evaluating the Effect of Solar Radiation on Outdoor Metal-Enclosed Switchgear

This is the list from IEEE Headquarters as of August 2014. If there are any inaccuracies, please bring them to my attention.

3. PROJECT STATUS

The following is a list of projects which will expire if no action is taken to extend their life. I ask that all the working group chairs review this list and take the appropriate action as follows:

If these projects will not be submitted to RevCom by the submittal deadline for the December 2014 meeting, you need to take one of the following steps:

1. Request an extension for the project (PAR). Please note that extension requests are usually granted from one to two years. Significant justification must be provided for an extension request which exceeds two years.

2. Request withdrawal of the project (PAR).

Log on to myProject (https://development.standards.ieee.org/my-site) to submit a request for either of these actions under the link for 'Submit a PAR'. Once submitted, the request to Extend an Approved PAR or the request to Withdraw an Approved PAR will be placed on the agenda of the next scheduled NesCom meeting. NesCom will make its recommendation based upon the information provided.

The following PARs are due to expire and action is required:

P62271-37-013 "High-Voltage Switchgear and Controlgear - Part 37-013: Alternating-current generator circuit-breakers"

In comment resolution. A 1-year extension is requested to complete work.

PC37.11 Standard Requirements for Electrical Control for AC High-Voltage (>1000V) Circuit Breakers

Ballot closed - May 2, 2014. Document will be submitted to RevCom by 20 Oct 2014

PC37.20.2 Standard for Metal-Clad Switchgear

Recirculation ballot closed 3 September 2014. 2nd recirculation planned for October with submittal to RevCom for the December meeting. If the recirculation does not resolve outstanding issues, a 1-year extension will be requested.

PC37.66	Standard Requirements for Capacitor Switches for AC Systems (1kV to 38kV) *On hold awaiting work on C37.100.2. C37.66 group wants to request a two year extension to accommodate the wait on C37.100.2.*
PC37.74	Standard Requirements for Subsurface, Vault, and Padmounted Load-Interrupter Switchgear and Fused Load-Interrupter Switchgear for Alternating Current Systems up to 38 kV *Ballot closed – June 15, 2014. Submitted to RevCom.*
PC37.100.2	Test Procedure for Capacitive Current Switching of HV Circuit Switching Devices *Ballot closed – Sept. 20, 2014. In comment resolution. A 2-year extension is requested to complete work.*

If there is no action taken to extend these projects by the 20 October 2014 NesCom/RevCom submittal deadline, the PAR will expire on 31 December 2014.

Reported 25 September 2014.

Michael Wactor

Standards Coordinator