ADSCOM Report

Spring 2015

1. STANDARDS COORDINATORS REPORT

The rule changes for the document maintenance cycle have eliminated the reaffirmation process. The documents now have a 10-year life. Activity to revise documents must occur during that time period. The document cannot be reaffirmed as a stop-gap while the revision takes place.

2. DOCUMENT STATUS

There are 33 Switchgear documents scheduled for Administrative Withdrawal on 31 December 2018. There are 8 of these documents that are Amendments, Corrigendum, etc. and will be rolled into the parent document, meaning we have 25 documents to complete before the 2018 deadline.

There are currently 31 active PARs
Of those active PARs - 7 expire this year (see the project list later in this report)
8 are in comment resolution/recirculation ballot
1 is on the REVCOM agenda

THERE ARE 8 DOCUMENTS ON THE 2018 EXPIRATION LIST WITHOUT AN ACTIVE PAR. THESE ARE HIGHLIGHTED BELOW IN RED.

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

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

HVCB

C37.04-1999	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 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 IEEE Application Guide for AC High-Voltage Circuit Breakers Rated on a Symmetrical Current Basis

C37.013-1997 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 IEEE Guide for the Selection of Monitoring for Circuit Breakers

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

C37.41-2008	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

1247-2005	IEEE Standard for Interrupter Switches for Alternating Current, Rated Above 1000 Volts
	This document shows up on the IEEE list as expiring in 2018 and has no PAR, however it is not highlighted by staff.

LVSD

C37.13-2008	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
C37.27-2008	IEEE Application Guide for Low-Voltage AC Power Circuit Breakers Applied with Separately-Mounted Current-Limiting Fuses

RODE

C37.66-2005	IEEE Standard Requirements for Capacitor Switches for AC Systems (1 kV to 38 kV)

SASC

C37.20.2-1999	IEEE Standard for Metal-Clad Switchgear
C37.20.7-2007	IEEE Guide for Testing Metal-Enclosed Switchgear Rated Up to 38 kV for Internal Arcing Faults
C37.23-2003	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 April 2015. 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 2015 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:

PC37.30.2 **"**Guide for Wind Loading Evaluation of High Voltage (>1000 V) Air Break Switches"

PC37.06.1 **"**Recommended Practice for Preferred Ratings for High-Voltage (>1000 volts) AC Circuit Breakers Designated Definite Purpose for Fast Transient Recovery Voltage Rise Times"

PC37.04 **"**Standard for Ratings and Requirements for AC High Voltage Circuit Breakers with Rated Maximum Voltage above 1000 V"

PC37.20.7 **“**Guide for Testing Switchgear Rated 38 kV or Below for Internal Arcing Faults”

Document will go to ballot in 2015. 1-year PAR extension will be requested in Fall 201, if required for comment resolution.

PC37.100.1 **“**Standard of Common Requirements for High Voltage Power Switchgear Rated Above 1000 V”

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

1-year PAR extension was approved Aug 23, 2013.

If there is no action taken to extend these projects by the 16 October 2015 NesCom/RevCom submittal deadline, the PAR will expire on 31 December 2015.
The Standards Board work load is substantial in December and they request PAR extension requests be sent in earlier where it is possible. The list below shows the meeting dates and associated deadlines. If you know you need an extension, please send it to the earliest possible meeting.

Deadline for Submittal

24 April

24 July

04 September

16 October

Reported 30 April 2015

Michael Wactor

Standards Coordinator