

ADSCOM Report

Spring 2017

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 20 Switchgear documents scheduled for Administrative Withdrawal on 31 December 2018.

These documents must be completed by 2018; that means only 1 year 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
- C37.016-2006** 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

- C37.43-2008** 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

HVS

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

LVSD

RODE

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

SASC

C37.20.7-2007 IEEE Guide for Testing Metal-Enclosed Switchgear Rated Up to 38 kV for Internal Arcing Faults

This is the list from IEEE Headquarters as of April 2017. If there are any inaccuracies, please bring them to my attention.

3. PROJECT STATUS

There are currently 27 active PARs. Of those active PARs, 9 expire this year.

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 2017 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:

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

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

PC37.09 IEEE Standard Test Procedure for AC High-Voltage Circuit Breakers with Rated Maximum Voltage above 1000V

- PC37.20.7** IEEE Guide for Testing Switchgear Rated Up to 52 kV for Internal Arcing Faults
- PC37.30.3** IEEE Requirements for High Voltage Interrupter Switches, Interrupters, or Interrupting Aids Used On or Attached To Switches Rated for Alternating Currents Above 1000 Volts
- PC37.60** IEEE Standard for High-Voltage Switchgear and Controlgear - Part 111: Automatic Circuit Reclosers for Alternating Current Systems Up To and Including 38 kV
- PC37.62** IEEE Standard for Pad Mounted, Dry Vault, Submersible Fault, and Overhead Fault Interrupters for alternating current systems up to 38 kV
- PC37.100.1** IEEE Standard of Common Requirements for High Voltage Power Switchgear Rated Above 1000 V
- PC37.100.2** IEEE Standard for Common Requirements for Testing of AC Capacitance Current Switching Devices Over 1000 V

If there is no action taken to extend these projects by the 16 October 2017 NesCom/RevCom submittal deadline, the PAR will expire on 31 December 2017.

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

5 May

28 July

16 October

Reported 27 April 2017

Michael Wactor

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