

# ADSCOM Report

Spring 2016

## 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 26 Switchgear documents scheduled for Administrative Withdrawal on 31 December 2018.

These documents must be completed by 2018; that means only 2 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
- C37.016-2006** 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

## **LVSD**

**C37.13.1-2006** IEEE Standard for Definite Purpose Switching Devices for Use in Metal-Enclosed Low-Voltage Power Circuit Breaker Switchgear

## **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

**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 2016. If there are any inaccuracies, please bring them to my attention.

### **3. PROJECT STATUS**

There are currently 30 active PARs. Of those active PARs, 6 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 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:**

- PC37.010** IEEE Application Guide for AC High-Voltage Circuit Breakers Rated on a Symmetrical Current Basis
- PC37.10.1** IEEE Guide for the Selection of Monitoring for Circuit Breakers
- PC37.41** 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
- PC37.42** IEEE Standard Specification for High-Voltage (>1000 V) Expulsion Type Distribution Class Fuses, Fuse and Disconnecting Cutouts, Fuse Disconnecting Switches, and Fuse Links, and Accessories Used with These Devices
- PC37.66** IEEE Standard Requirements for Capacitor Switches for AC Systems (1 kV to 38 kV)
- PC37.100.1** IEEE Standard of Common Requirements for High Voltage Power Switchgear Rated Above 1000 V

If there is no action taken to extend these projects by the 17 October 2016 NesCom/RevCom submittal deadline, the PAR will expire on 31 December 2016.

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

20 May

05 August

16 October

Reported 28 April 2016

Michael Wactor

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