

# STANDARDS COORDINATOR'S REPORT

## Document status

All documents are on a ten-year maintenance cycle. There is no life-extension process. Activity to revise documents must occur during that ten-year window. The following documents must be submitted to RevCom no later than 21 October 2024.

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*Please note that having an active PAR does not extend the life of the standard.*

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## Expired Documents

The following information was extracted from myProject on 01 March 2024. If there are any inaccuracies, please bring them to my attention.

The Switchgear Committee has four documents residing on the Inactive Reserve status. These documents should be prioritized by the sponsoring subcommittee to drive resolution as soon as possible.

### High-Voltage Circuit Breakers (HVCB)

C37.10 *	Recommended Practice for Investigation, Analysis, and Reporting of Failures of AC High-Voltage Circuit Breakers and Circuit Switchers with Rated Maximum Voltage Above 1000 V	31 Dec 2021
	Corrective action plan: <ul style="list-style-type: none"> <li>• IEEE ballot comment resolution in-process.</li> <li>•</li> </ul>	
62271-37-082 **	High-voltage switchgear and controlgear -Part 37-082: Standard practice for the measurement of sound pressure levels on alternating current circuit-breakers	31 Dec 2022
	Corrective action plan: <ul style="list-style-type: none"> <li>•</li> <li>•</li> </ul>	

\* Keith Flowers will be mentoring this working group.

\*\* John Webb will be mentoring this working group.

### Reclosers and Other Distribution Equipment (RODE)

C37.63 *	IEEE Standard Requirements for Overhead, Pad-Mounted, Dry-Vault, and Submersible Automatic Line Sectionalizers for Alternating Current Systems Up to 38 kV	31 Dec 2023
	Corrective action plan: <ul style="list-style-type: none"> <li>• Balloting complete.</li> <li>• On the March 2024 RevCom agenda.</li> </ul>	

\* Keith Flowers will be mentoring this working group.

### Switchgear Assemblies (SASC)

C37.20.4 *	IEEE Standard for Indoor AC Switches (1 kV to 38 kV) for Use in Metal-Enclosed Switchgear	31 Dec 2023
	Corrective action plan: <ul style="list-style-type: none"> <li>• Ballot pool formed.</li> <li>•</li> </ul>	

\* Donnie Swing will be mentoring this working group.

Outside of the operating procedures of the Switchgear Committee, the Switchgear Committee has two documents residing on the Inactive Reserve status. The Standards Coordinator is working with the associated IEEE technical committees to ensure completion as soon as possible. These are:

C37.122.3	Guide for Sulphur Hexafluoride (SF6) Gas Handling for High-Voltage (over 1000 Vac) Equipment
C57.142	Guide to Describe the Occurrence and Mitigation of Switching Transients Induced by Transformers, Switching Device, and System Interaction

### Expiring Documents

The following information was extracted from myProject on 01 March 2024. If there are any inaccuracies, please bring them to my attention.

The following Switchgear documents are scheduled to be moved to Inactive Reserve status on 31 December 2024.

### Administrative Subcommittee (AdSCom)

P1860 *	IEEE Recommended Practice for Voltage Regulation and Reactive Power Compensation at 1000 kV AC and Above	31 Dec 2024
	Corrective action plan: <ul style="list-style-type: none"> <li>•</li> <li>•</li> </ul>	

P1861 *	IEEE Recommended Practice for On-Site Acceptance Tests of Electrical Equipment and System Commissioning of 1000 kV AC and Above	31 Dec 2024
	Corrective action plan: <ul style="list-style-type: none"> <li>•</li> <li>•</li> </ul>	
P1862 *	IEEE Recommended Practice for Overvoltage and Insulation Coordination of Transmission Systems at 1000 kV AC and Above	31 Dec 2024
	Corrective action plan: <ul style="list-style-type: none"> <li>•</li> <li>•</li> </ul>	

\* Doug Edwards will be mentoring this working group.

### Reclosers and Other Distribution Equipment (RODE)

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	31 Dec 2024
	Corrective action plan: <ul style="list-style-type: none"> <li>• IEEE ballot comment resolution in-process.</li> <li>•</li> </ul>	

\* Donnie Swing will be mentoring this working group.

The following Switchgear documents are scheduled to be moved to Inactive Reserve status on 31 December 2025. So while no immediate threat, attention must be paid to keep these documents on track before the expiration date.

### Administrative Subcommittee (AdSCom)

C37.302	IEEE Guide for Fault Current Limiter (FCL) Testing of FCLs Rated above 1000 V AC
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### High-Voltage Switches Subcommittee (HVS)

C37.30.2	IEEE Guide for Wind-Loading Evaluation of High-Voltage (>1000 V) Air-Break Switches
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### Low-Voltage Switchgear Devices Subcommittee (LVSD)

C37.13	IEEE Standard for Low-Voltage AC Power Circuit Breakers Used in Enclosures
C37.14	IEEE Standard for DC (3200 V and below) Power Circuit Breakers Used in Enclosures
C37.27	IEEE Guide for Low-Voltage AC (635 V and below) Power Circuit Breakers Applied with Separately-Mounted Current-Limiting Fuses

### Switchgear Assemblies Subcommittee (SA)

C37.20.1	IEEE Standard for Metal-Enclosed Low-Voltage (1000 Vac and below, 3200 Vdc and below) Power Circuit Breaker Switchgear
C37.20.6	IEEE Standard for 4.76 kV to 38 kV Rated Ground and Test Devices Used in Enclosures
C37.23	IEEE Standard for Metal-Enclosed Bus

### Expiring PARs

The following information was extracted from myProject on 1 March 2024. If there are any inaccuracies, please bring them to my attention.

The following PARs will expire 31 December 2024.

If these projects will not be completed and sent to RevCom by the submittal deadline for the December 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. (<https://development.standards.ieee.org/myproject-web/app#>)
2. Request withdrawal of the project (PAR). PAR extensions or modifications can be made on myProject. (<https://development.standards.ieee.org/myproject-web/app#>)

### Administrative Subcommittee (AdSCom)

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 Capacitive Current Switching Devices over 1000 V

### High-Voltage Circuit Breakers (HVCB)

PC37.01	Standard for High Voltage Direct Current Circuit Breakers Above 3200 Vdc
PC37.10	Recommended Practice for Investigation, Analysis, and Reporting of Failures of AC High-Voltage Circuit Breakers and Circuit Switchers with Rated Maximum Voltage Above 1000 V

### High-Voltage Fuses (HVF)

PC37.41	IEEE Standard Design Tests for High-Voltage (>1000 V) Fuses and Accessories
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### High-Voltage Switches (HVS)

PC37.30.7	Standard Requirements for High-Voltage Air Switches Rated Above 1000 Vdc
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### Switchgear Assemblies (SASC)

PC37.20.1	IEEE Standard for Metal-Enclosed Low-Voltage (1000 Vac and below, 3200 Vdc and below) Power Circuit Breaker Switchgear
PC37.20.7	IEEE Guide for Testing Switchgear Rated Up to 52 kV for Internal Arcing Faults
PC37.23	IEEE Standard for Metal-Enclosed Bus

### Expired ANSI Accreditation

Beyond the documents previously listed as “Expired Documents,” the following documents do not have ANSI accreditation. Action should be taken by the sponsoring Responsible Subcommittee to restore ANSI accreditation.

Standard Number	Standard Title
1860-2014	IEEE Guide for Voltage Regulation and Reactive Power Compensation at 1000 kV AC and Above
1861-2014	IEEE Guide for On-Site Acceptance Tests of Electrical Equipment and System Commissioning of 1000 kV AC and Above
1862-2014	IEEE Recommended Practice for Overvoltage and Insulation Coordination of Transmission Systems at 1000 kV AC and Above
62271-37-013-2021	IEEE/IEC International Standard for High-voltage switchgear and controlgear--Part 37-013: Alternating current generator circuit-breakers
C37.015-2017	IEEE Guide for the Application of Shunt Reactor Switching
C37.016-2018	IEEE Standard for AC High Voltage Circuit Switchers Rated 15.5 kV through 245 kV
C37.016-2018/Cor 1	IEEE Standard for AC High Voltage Circuit Switchers 15.5 kV through 245 kV - Corrigendum 1

C37.017-2020	IEEE Standard for Bushings for High-Voltage (Over 1000 Vac) Circuit Breakers and Gas-Insulated Switchgear
C37.09-2018	IEEE Standard Test Procedures for AC High-Voltage Circuit Breakers with Rated Maximum Voltage Above 1000 V
C37.09-2018/Cor 1	IEEE Standard Test Procedure for AC High-Voltage Circuit Breakers with Rated Maximum Voltage Above 1000 V - Corrigendum 1
C37.10.1-2018	IEEE Guide for the Selection of Monitoring for Circuit Breakers
C37.100.1-2018	IEEE Standard of Common Requirements for High Voltage Power Switchgear Rated Above 1000 V
C37.100.5-2018	IEEE Standard for Definitions of High-Voltage Circuit Breakers Above 1000 Vac and 3200 Vdc, and Reclosers and Other Distribution Equipment from 1000 Vac to 38 000 Vac
C37.12-2018	IEEE Guide for Specifications of High-Voltage Circuit Breakers (over 1000 V)
C37.12.1-2018	IEEE Recommended Practice for Instruction Manual Content of AC High-Voltage Circuit Breakers above 1000 V
C37.122-2021	IEEE Standard for High-Voltage Gas-Insulated Substations Rated Above 52 kV
C37.20.10-2016	IEEE Standard Definitions for AC (52 kV and below) and DC (3.2 kV and below) Switchgear Assemblies
C37.20.1a-2020	IEEE Standard for Metal-Enclosed Low-Voltage (1000 V ac and below, 3200 V dc and below) Power Circuit Breaker Switchgear - Amendment 1: Control and Secondary Circuits and Devices, and All Wiring
C37.20.7-2017	IEEE Guide for Testing Switchgear Rated Up to 52 kV for Internal Arcing Faults
C37.20.7-2017/Cor 1	IEEE Guide for Testing Switchgear Rated up to 52 kV for Internal Arcing Faults— Corrigendum 1
C37.20.9-2019	IEEE Standard for Metal-Enclosed Switchgear Rated 1 kV to 52 kV Incorporating Gas Insulating Systems
C37.21-2017	IEEE Standard for Control Switchboards

C37.21a-2020	IEEE Standard for Control Switchboards--Amendment 1: Control and Secondary Circuits and Devices, and All Wiring
C37.24-2017	IEEE Guide for Evaluating the Effect of Solar Radiation on Outdoor Metal-Enclosed Switchgear
C37.24-2017/Cor 1	IEEE Guide for Evaluating the Effect of Solar Radiation on Outdoor Metal-Enclosed Switchgear -- Corrigendum 1
C37.26-2014	IEEE Guide for Methods of Power-Factor Measurement for Low-Voltage (1000 V AC or lower) Inductive Test Circuits
C37.30.3-2018	IEEE Standard Requirements for High-Voltage Interrupter Switches, Interrupters, or Interrupting Aids Used on or Attached to Switches Rated for Alternating Currents Above 1000 V
C37.30.4-2018	IEEE Standard for Test Code for Switching and Fault Making Tests for High-Voltage Interrupter Switches, Interrupters or Interrupting Aids Used on or Attached to Switches Rated for Alternating Currents Above 1000 V
C37.30.5-2018	IEEE Standard for Definitions for AC High-Voltage Air Switches Rated Above 1000 V
C37.41-2016/Cor 1	IEEE Standard Design Tests for High-Voltage (>1000 V) Fuses and Accessories Corrigenda 1
C37.48-2020	IEEE Guide and Tutorial for the Application of High-Voltage (> 1000 V) Fuses and Accessories
C37.59-2018	IEEE Standard for Requirements for Conversion of Power Switchgear Equipment
C37.60-2018	IEC/IEEE International Standard - High-voltage switchgear and controlgear - Part 111: Automatic circuit reclosers for alternating current systems up to and including 38 kV
C37.62-2020	IEEE Standard for Pad-Mounted Dry Vault, Submersible, and Overhead Fault Interrupters for Alternating Current Systems Up to and Including 38 kV
C37.68-2023	IEEE Standard for Design, Test, and Application Requirements for Microprocessor-Based Controls of Distribution Pad-mount, Dry Vault, Wet Vault, and Polemount Switchgear Rated Above 1 kV and Up to and Including 38 kV
C37.81-2017	IEEE Guide for Seismic Qualification of Class 1E Metal-Enclosed Power Switchgear Assemblies

C37.82-2017	IEEE Standard for the Qualification of Switchgear Assemblies for Class 1E Applications in Nuclear Power Generating Stations
C57.12.30-2020	IEEE Standard for Pole-Mounted Equipment--Enclosure Integrity for Coastal Environments
C57.12.31-2020	IEEE Standard for Pole-Mounted Equipment--Enclosure Integrity

## 2024 NesCom and RevCom Calendar

The following 2024 calendar describes the submittal deadlines and meeting schedules for NesCom (new PARs and PAR revisions) and RevCom (completed PARs).

Submittal Deadline	Meeting Dates
19 December 2023	29 – 31 January 2024
09 February 2024	19 – 21 March 2024
26 March 2024	06 May 2024
26 April 2024	04 – 06 June 2024
16 August 2024	24 – 26 September 2023
18 September 2024	29 October 2024
21 October 2024	09 – 11 December 2024

Note that the last submittal deadline for 2024 is the Monday following the last face-to-face meeting of the Switchgear Committee for 2024 (October 21<sup>st</sup>). The Standards Board workload is always substantial in December, and the Standards Board requests that PAR extension requests be sent in earlier when it is possible. If you know you need an extension, please send it to the earliest possible meeting.

## Formation of new PAR Study Groups and Working Groups

When new PAR Study Groups and Working Groups, please inform the Standards Coordinator immediately. The leadership of the PAR must be set up in myProject to permit the submission of new or revision PARs.



## Trainings

The following training is mandatory for all Working Group Officers. This training must be completed within 90 days of officer appointment, or by 31 December 2024 (whichever is later).

- Understanding IEEE SA's Antitrust, Competition, and Commercial Terms Policy**

The training can be accessed at <https://standards.ieee.org/about/training/> or directly at:

<https://iln.ieee.org/public/contentdetails.aspx?id=760D82C64E9948D7B726FB10303A3025>

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*Please note that missing training records may prompt the removal of working group officers.*

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To assist Working Groups, the following online trainings are available for access at <https://standards.ieee.org/about/training/> :

- Working Group Chair Fundamentals**
- Data Privacy Awareness for IEEE SA Activities: Identifying and Safeguarding Personal Information**
- IEEE SA Standards Copyright Policy**
- IEEE SA Editorial Guidance**

These trainings are open to anyone desiring to learn more about the IEEE standardization process and the roles and responsibilities of Working Group Officers. If you would like more information about these trainings, please contact the Standards Coordinator.

## Awards and Recognition

As we complete our PARs and with final approval complete, the IEEE SA Standards Board provides an important opportunity to recognize standards development participants.

Working Group awards (both plaques and certificates) may be ordered by a Working Group Officer from within myProject. These awards may be presented at in-person Switchgear Committee meetings (preferred) or mailed directly to volunteers to recognize their contributions to the development and publication of a standard. Please take the time to recognize those who contributed to the development of your project. If you would like more information about Working Group awards, please contact the Standards Coordinator or ER&P Chair.



Please consider nominating a Working Group for a Working Group Award. There are two levels of Working Group Awards:

- IEEE PES Switchgear Technical Committee Working Group Recognition Award**  
Issued by the Switchgear Committee, this recognizes one Working Group for outstanding performance in the development of a Standard, Guide or Recommended Practice.
  
- IEEE Power and Energy Society Working Group Recognition Award**  
Each Technical Committee of the PES Technical Council is encouraged to nominate one Working Group to be recognized for outstanding performance in the development of a Standard, Guide or Recommended Practice for this PES society-level award.

For all nominations, the document must have been approved for publication by the IEEE-SA Standards Board within the previous 3 years. If you would like more information about these Working Group awards, please contact the Standards Coordinator or ER&P Chair.

Reported by:

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