

**IEEE-SA Standards Board
New Standards Committee (NesCom)
Recommendations
25-Sep-2008**

NesCom submits the following recommendations to the IEEE-SA Board. Except where noted, all votes were unanimous.

Withdrawal Requests

IEEE Power & Energy Society/Nuclear Power Engineering

P1684

Standard Criteria for Security of Digital Computers in Safety Systems of Nuclear Power Generating Stations

Recommendation: Approve withdrawal at the request of Sponsor.

IEEE Power & Energy Society/Surge Protective Devices/Low Voltage

PC62.41.1

Guide on the Surge Environment in Low-Voltage (1000 V and less) AC Power Circuits

Recommendation: Approve withdrawal at the request of Sponsor.

PC62.41.2

Recommended Practice on Characterization of Surges in Low-Voltage (1000 V and less) AC power circuits

Recommendation: Approve withdrawal at the request of Sponsor.

PC62.45

Recommended Practice on Surge Testing for Equipment Connected to Low-Voltage AC Power Circuits

Recommendation: Approve withdrawal at the request of Sponsor.

Modified PARs

IEEE Aerospace and Electronic Systems Society/Ultrawideband Radar Committee

P1672-2006/Cor 1

Standard for Ultrawideband Radar Definitions - Corrigendum 1

Recommendation: Approve modified PAR until December 2011.

IEEE Computer Society/Environmental Assessment Standards Committee

P1680

Standard for Environmental Assessment of Electronic Products

Recommendation: Approve modified PAR until December 2011.

IEEE Computer Society/Local and Metropolitan Area Networks

P802.1AB

Standard for Local and metropolitan area networks -- Station and Media Access Control Connectivity Discovery

Recommendation: Approve modified PAR until December 2011.

IEEE Communications Society/Standards Committee

P1902.1

Standard for Long Wavelength Wireless Network Protocol

Recommendation: Approve modified PAR until December 2010.

IEEE Electromagnetic Compatibility Society/Standards Development Committee

P1597.1

Standard for Validation of Computational Electromagnetics Computer Modeling and Simulations

Recommendation: Approve modified PAR until December 2009.

P1597.2

Recommended Practice for Validation of Computational Electromagnetics Computer Modeling and Simulations

Recommendation: Approve modified PAR until December 2009.

IEEE Power & Energy Society/Insulated Conductors

P1142

Guide for the Selection, Testing, Application and Installation of Cables Having Radial Moisture Barriers and/or Longitudinal Water Blocking

***Recommendation: Conditionally approve modified PAR until December 2009 pending clarifications to 8.1.
Vote: 5 approvals, 1 abstention***

IEEE Power & Energy Society/Surge Protective Devices/High Voltage

PC62.22

Guide for the Application of Metal-Oxide Surge Arresters for Alternating-Current Systems

Recommendation: Approve modified PAR until December 2009.

IEEE Power & Energy Society/Surge Protective Devices/Low Voltage

PC62.62

Standard Test Specifications for Surge-Protective Devices (SPDs) for Use on the Load Side of the Service Equipment in Low-Voltage (1000 V and Less) AC Power Circuits

Recommendation: Approve modified PAR until December 2008.

IEEE Power & Energy Society/Switchgear

PC37.015

Guide for the Application of Shunt Reactor Switching

Recommendation: Approve modified PAR until December 2012.

PC37.17

Standard for Trip Systems for Low-Voltage (up to 635 V) AC and General Purpose Low-Voltage (up to 600 V) DC Power Circuit Breakers

Recommendation: Approve modified PAR until December 2009.

PC37.41

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.

Recommendation: Conditionally approve modified PAR until December 2009 pending edits to 8.1.

P1413

Standard Framework for Reliability Prediction of Hardware

Recommendation: Approve modified PAR until December 2009.

Vote: 2 approvals, 3 abstentions, 1 disapprove

Extension Requests

IEEE Computer Society/Local and Metropolitan Area Networks

P802.11s

Standard for Information Technology - Telecommunications and information exchange between systems - Local and metropolitan area networks - Specific requirements - Part 11: Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) specifications Amendment: Mesh Networking

Recommendation: Approve request for a two year extension until 2010.

P802.15.5

Recommended Practice for mesh topology capability in Wireless Personal Area Networks (WPANs)

Recommendation: Approve request for a one year extension until 2009.

P802.16h

Standard for Local and Metropolitan Area Networks - Part 16: Air Interface for Fixed Broadband Wireless Access Systems - Improved Coexistence Mechanisms for License-Exempt Operation Amendment

Recommendation: Approve request for a one year extension until 2009.

P802.1AC

Standard for Media Access Control (MAC) Service Definition

Recommendation: Approve request for a two year extension until 2010.

IEEE Power & Energy Society/Electric Machinery

P1665

Guide for the Rewind of Synchronous Generators, 50 and 60 Hz, rated 1 MVA and above

Recommendation: Approve request for a one year extension until 2009.

IEEE Power & Energy Society/Stationary Batteries Committee

P1657

Recommended Practice for Personnel Qualifications for Installation and Maintenance of Stationary Batteries

Recommendation: Approve request for a one year extension until 2009.

P485

Recommended Practice for Sizing Lead-Acid Batteries for Stationary Applications

Recommendation: Approve request for a one year extension until 2009.

Vote: 5 approvals, 1 disapprove

IEEE Power & Energy Society/Surge Protective Devices/High Voltage

PC62.82.1

Standard for Insulation Coordination - Definitions, Principles, and Rules

Recommendation: Approve request for a one year extension until 2009.

Vote: 5 approvals, 1 disapprove

PC62.92.3

Guide for the Application of Neutral Grounding in Electrical Utility Systems, Part III Generator Auxiliary Systems

Recommendation: Approve request for a two year extension until 2010.

IEEE Power & Energy Society/Surge Protective Devices/Low Voltage

PC62.64

Standard Specifications for Surge Protectors Used in Low-Voltage Data, Communications, and Signaling Circuits

Recommendation: Approve request for a one year extension until 2009.

Vote: 5 approvals, 1 disapprove

IEEE Power & Energy Society/Transformers

PC57.148

Standard for Control Cabinets for Power Transformers

Recommendation: Approve request for a two year extension until 2010.

PC57.149

Guide for the Application and Interpretation of Frequency Response Analysis for Oil Immersed Transformers

Recommendation: Approve request for a two year extension until 2010.

New PARs

IEEE Computer Society/Local and Metropolitan Area Networks

P802.11ac

IEEE Standard for Information Technology - Telecommunications and Information Exchange Between Systems - Local and Metropolitan Area Networks - Specific Requirements - Part 11: Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) Specifications - Amendment: Enhancements for Very High Throughput for operation in bands below 6GHz

Recommendation: Approve new PAR until December 2012.

P802.21a

Standard for Local and Metropolitan Area Networks: Media Independent Handover Services - Security Extensions to Media Independent Handover Services and Protocol

Recommendation: Defer PAR until December 2008 pending approval of P802.21.

IEEE Engineering in Medicine and Biology Society/11073 Committee

P11073-10443

Standard for Health informatics - Personal health device communication - Device specialization Physical activity monitor

Recommendation: Approve new PAR until December 2012.

IEEE Power & Energy Society/Power System Relaying

PC37.238

Standard Profile for Use of IEEE 1588 Precision Time Protocol in Power System Protection

Recommendation: Approve new PAR until December 2012.

IEEE Power & Energy Society/Surge Protective Devices/Low Voltage

PC62.41.2-2002/Cor 1

IEEE Recommended Practice on Characterization of Surges in Low-Voltage (1000 V and less) AC Power Circuits - Corrigendum 1

Recommendation: Approve new PAR until December 2012.

IEEE Power & Energy Society/Switchgear

PC37.017

Standard for Bushings for High Voltage (over 1000 Volts ac) Circuit Breakers and Gas Insulated Switchgear

Recommendation: Approve new PAR until December 2012.

PC37.20.7-2007/Cor 1

IEEE Guide for Testing Metal-Enclosed Switchgear Rated Up to 38 kV for Internal Arcing Faults - Corrigendum 1

Recommendation: Approve new PAR until December 2012.

IEEE Power Electronics Society/Standards Committee

P1789

Recommended Practices of Modulating Current in High Brightness LEDs for Mitigating Health Risks to Viewers

Recommendation: Approve new PAR until December 2012.

IEEE-SASB Coordinating Committees/SCC41 - Dynamic Spectrum Access Networks

P1900.6

Standard for Spectrum Sensing Interfaces and Data Structures for Dynamic Spectrum Access and other Advanced Radio Communication Systems.

Recommendation: Approve new PAR until December 2012.

IEEE Vehicular Technology Society/Intelligent Transportation Systems

P1609.5

Standard for Wireless Access in Vehicular Environments (WAVE) - Communication Manager

Recommendation: Approve new PAR until December 2012.

IEEE Vehicular Technology Society/Rail Transit

P1791

Recommended Practice for Terminology Used for Direct Current Electric Transit Overhead Contact Systems

Recommendation: Conditionally approve new PAR until December 2012 pending verification of validity of Working Group.

PARs for the Revision of Standards

IEEE Antennas and Propagation Society/Propagation

P211

Standard Definitions of Terms for Radio Wave Propagation

Recommendation: Approve PAR for the revision of a standard until December 2012.

IEEE Broadcast Technology Society/RF Techniques

P1631

Recommended Practice for Measurement of 8-VSB Digital Television Transmission Mask Compliance for the USA

Recommendation: Approve PAR for the revision of a standard until December 2012.

IEEE Computer Society/Software & Systems Engineering Standards Committee

P828

Standard for Software Configuration Management

Recommendation: Conditionally approve PAR for the revision of a standard until December 2012 pending verification of Working Group information.

IEEE Computer Society/Test Technology

P1149.1

Standard Test Access Port and Boundary Scan Architecture

Recommendation: Conditionally approve PAR for the revision of a standard until December 2012 pending verification of Working Group information.

IEEE Power & Energy Society/Nuclear Power Engineering

P336

Recommended Practice for Installation, Inspection, and Testing for Class 1E Power, Instrumentation, and Control Equipment at Nuclear Facilities

Recommendation: Defer PAR until next agenda due to lack of response to comments.

P387

Standard Criteria for Diesel-Generator Units Applied as Standby Power Supplies for Nuclear Power Generating Stations

Recommendation: Conditionally approve PAR for the revision of a standard until December 2012 pending confirmation of recent review of patent slides.

P577

Standard Requirements for Reliability Analysis in the Design and Operation of Safety Systems for Nuclear Facilities

Recommendation: Defer PAR until next agenda due to lack of response to comments. Update needed to 6.1a.

P933

Guide for the Definition of Reliability Program Plans for Nuclear Facilities

Recommendation: Defer PAR until next agenda due to lack of response to comments. Update needed to 6.1a.

IEEE Power & Energy Society/Stationary Batteries Committee

P1375

Guide for the Protection of Stationary Battery Systems

Recommendation: Approve PAR for the revision of a standard until December 2012.

PC62.11

Standard for Metal-Oxide Surge Arresters for AC Power Circuits (> 1 kV)

Recommendation: Approve PAR for the revision of a standard until December 2012.

IEEE Power & Energy Society/Substations

PC37.122.1

IEEE Guide for Gas-Insulated Substations

Recommendation: Approve PAR for the revision of a standard until December 2012.

Vote: 5 approvals, 1 abstention

IEEE Power & Energy Society/Switchgear

PC37.082

Recommended Practice for the Measurement of Sound Pressure Levels of Outdoor Power Circuit Breakers

Recommendation: Approve PAR for the revision of a standard until December 2012.

PC37.11

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

Recommendation: Conditionally approve PAR for the revision of a standard until December 2012 pending submission of minutes of Oct. working group meeting confirming patent slides were reviewed.

PC37.20.2

Standard for Metal-Clad Switchgear

Recommendation: Approve PAR for the revision of a standard until December 2012.

IEEE-SASB Coordinating Committees/SCC27 - Time and Frequency

P1193

Guide for Measurement of Environmental Sensitivities of Standard Frequency Generators

Recommendation: Approve PAR for the revision of a standard until December 2012.

IEEE Vehicular Technology Society/Intelligent Transportation Systems

P1609.1

Standard for Wireless Access in Vehicular Environments (WAVE) - Resource Manager

Recommendation: Approve PAR for the revision of a standard until December 2012.

P1609.2

Standard for Wireless Access in Vehicular Environments - Security Services for Applications and Management Messages

Recommendation: Approve PAR for the revision of a standard until December 2012.

P1609.3

Standard for Wireless Access in Vehicular Environments (WAVE) - Networking Services

Recommendation: Approve PAR for the revision of a standard until December 2012.

P1609.4

Standard for Wireless Access in Vehicular Environments (WAVE) - Multi-Channel Operation

Recommendation: Approve PAR for the revision of a standard until December 2012.