

IEEE-SA Standards Board
New Standards Committee (NesCom)
Recommendations
30-Mar-2011

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

Withdrawal Requests

IEEE Computer Society/Design Automation

P1778

Standard for Esterel v7 Language Reference Manual

Recommendation: Approve PAR withdrawal.

IEEE Nanotechnology Council/Standards Committee

P1650

Standard Test Methods for Measurement of Electrical Properties of Carbon Nanotubes

Recommendation: Approve PAR withdrawal.

IEEE Power and Energy Society/Insulated Conductors

P1781

Guide for the Application of Extruded Conductor and Insulation Shields for Shielded Power Cables Rated 5 kV to 500 kV AC

Recommendation: Approve PAR withdrawal.

IEEE-SASB Coordinating Committees/SCC39 - International Committee on Electromagnetic Safety

P1528.1

Recommended Practice for Determining the Peak Spatial Average Specific Absorption Rate (SAR) in the Human Body from Wireless Communications Devices, 30 MHz - 6 GHz: General Requirements for using the Finite Difference Time Domain (FDTD) Method for SAR Calculations

Recommendation: Approve PAR withdrawal.

P1528.2

Recommended Practice for Determining the Peak Spatial Average Specific Absorption Rate (SAR) in the Human Body from Wireless Communications Devices, 30 MHz - 6 GHz: Specific Requirements for Finite Difference Time Domain (FDTD) Modeling of Vehicle Mounted Antenna Configurations

Recommendation: Approve PAR withdrawal.

Modified PARs

IEEE Computer Society/Environmental Assessment of Standards Committee

P1680.2

Standard for Environmental Assessment of Imaging Equipment

Recommendation: Approve modified PAR until December 2013

P1680.3

Standard for Environmental Assessment of Televisions

Recommendation: Approve modified PAR until December 2013

IEEE Computer Society/LAN/MAN Standards Committee

P802.15.7

Standard for Short-Range Wireless Optical Communication using Visible Light

Recommendation: Approve modified PAR until December 2012

P26512

Standard for Systems and software engineering -- Requirements for acquirers and suppliers of user documentation
Recommendation: Approve modified PAR until December 2013

IEEE Industry Applications Society/Petroleum & Chemical Industry

P1810

Guide for the Installation of Fire-Rated Cables Suitable for Hydrocarbon Pool Fires for Critical and Emergency Shutdown Systems in Petroleum and Chemical Industries.

Recommendation: Approve modified PAR until December 2013

P60092-510

Standard for Cold Ironing - Part 1: High Voltage Shore Connection (HVSC) Systems- General Requirements

Recommendation: Approve modified PAR until December 2013

IEEE Instrumentation and Measurement Society/TC10 - Waveform Generation Measurement and Analysis

P1658

Standard for Terminology and Test Methods of Digital-to-Analog Converter Devices

Recommendation: Approve modified PAR until December 2011

IEEE Power and Energy Society/Nuclear Power Engineering

P62582-1

Standard for Nuclear power plants - Instrumentation and control important to safety - Electrical equipment condition monitoring methods - Part 1: General

Recommendation: Approve modified PAR until December 2013

P62582-2

Standard for Nuclear power plants - Instrumentation and control important to safety - Electrical equipment condition monitoring methods - Part 2: Indenter modulus

Recommendation: Approve modified PAR until December 2013

P62582-3

Standard for Nuclear power plants - Instrumentation and control important to safety - Electrical equipment condition monitoring methods - Part 3: Elongation at break

Recommendation: Approve modified PAR until December 2013

P62582-4

Standard for Nuclear power plants - Instrumentation and control important to safety - Electrical equipment condition monitoring methods Part 4: Oxidation induction techniques

Recommendation: Approve modified PAR until December 2013

IEEE Power and Energy Society/Stationary Batteries Committee

P535

Standard for Qualification of Class 1E Vented Lead Acid Storage Batteries for Nuclear Power Generating Stations

Recommendation: Approve modified PAR until December 2013

IEEE Power and Energy Society/Substations

P1031

Guide for the Functional Specification of Transmission Static Var Compensators

Recommendation: Approve modified PAR until December 2011

P1613

Standard for Environmental and Testing Requirements for Communications Networking Devices Installed in

Electric Power Facilities

Recommendation: Approve modified PAR until December 2014

IEEE Power and Energy Society/Switchgear

P62271-37-082

Standard for High-voltage switchgear and controlgear - Part 37-082: Standard practice for the measurement of sound pressure levels on alternating current circuit-breakers

Recommendation: Approve modified PAR until December 2012

IEEE Power and Energy Society/Transmission and Distribution

P1835

Standard for Atmospheric (Above-Grade) Corrosion Control of Existing Electric Transmission, Distribution, and Substation Structures by Coating Systems

Recommendation: Approve modified PAR until December 2015

P1839

Standard for Below-Grade Corrosion Control of Transmission, Distribution, and Substation Structures by Coating Repair Systems

Recommendation: Approve modified PAR until December 2015

New PARs

IEEE-SA Board of Governors/Corporate Advisory Group

P1860

Standard for Voltage and Reactive Power in 1000kV or Greater AC Systems

Recommendation: Conditionally approve new PAR until December 2015 contingent of the edits that NesCom requested during the NesCom meeting being incorporated into the PAR

P1861

Standard for Acceptance Tests on Sitehand-Over Test of 1000kV or Greater AC Electric Equipment and Commissioning Procedures

Recommendation: Conditionally approve new PAR until December 2015 contingent of the edits that NesCom requested during the NesCom meeting being incorporated into the PAR

P1862

Standard for Overvoltage and Insulation Coordination of 1000kV or Greater Ultra High Voltage (UHV) AC Transmission Projects

Recommendation: Conditionally approve new PAR until December 2015 contingent of the edits that NesCom requested during the NesCom meeting being incorporated into the PAR

P3333

Standard for the Quality Assessment of Three Dimensional (3D) Displays, 3D Contents and 3D Devices based on Human Factors

Recommendation: Approve new PAR until December 2015

IEEE Communications Society/Standards Committee

P1900.7

~~Radio Interface for White Space Dynamic Spectrum Access Radio Systems Supporting Fixed and Mobile Operation~~

~~**Recommendation: Approve new PAR until December 2015**~~

~~**[Approve=6, Disapprove=2, Abstain=2]**~~

P1906.1

Recommended Practice for Nanoscale and Molecular Communication Framework

Recommendation: Approve new PAR until December 2015

P1822

Standard for Digital Microscope Analyzer, Whole Slide Image Scanner and Digital Microscope

Recommendation: Approve new PAR until December 2015

IEEE Power and Energy Society/Power System Relaying

PC37.244

Guide for Phasor Data Concentrator Requirements for Power System Protection, Control, and Monitoring

Recommendation: Approve new PAR until December 2015

IEEE Power and Energy Society/Transmission and Distribution

P1453.1

Adoption of IEC/TR 61000-3-7:2008, Electromagnetic compatibility (EMC)-Limits-Assessment of emission limits for the connection of fluctuating installations to MV, HV and EHV power systems

Recommendation: Approve new PAR until December 2015

IEEE-SASB Coordinating Committees/SCC39 - International Committee on Electromagnetic Safety

P62704-1

Standard for Determining the Peak Spatial Average Specific Absorption Rate (SAR) in the Human Body from Wireless Communications Devices, 30 MHz - 6 GHz. Part 1: General Requirements for using the Finite Difference Time Domain (FDTD) Method for SAR Calculations

Recommendation: Approve new PAR until December 2015

P62704-2

Standard for Determining the Peak Spatial Average Specific Absorption Rate (SAR) in the Human Body from Wireless Communications Devices, 30 MHz - 6 GHz. Part 2: Specific Requirements for Finite Difference Time Domain (FDTD) Modeling of Vehicle Mounted Antenna Configurations

Recommendation: Approve new PAR until December 2015

P62704-3

Standard for Determining the Peak Spatial-Average Specific Absorption Rate (SAR) in the Human Body from Wireless Communications Devices, 30 MHz - 6 GHz. Part 3: Specific Requirements for Finite Difference Time Domain (FDTD) Modeling of Mobile Phones/Personal Wireless Devices

Recommendation: Approve new PAR until December 2015

IEEE Vehicular Technology Society/Rail Transportation Standards Committee

P1833

Guide for the Design of Direct Current Overhead Contact Systems for Transit Systems

Recommendation: Approve new PAR until December 2015

PARs for the Revision of Standards

IEEE Computer Society/Design Automation

P1076

Standard for VHDL Language Reference Manual

Recommendation: Approve PAR for the revision of a standard until December 2015

P1076.1

Standard VHDL Analog and Mixed-Signal Extensions

Recommendation: Approve PAR for the revision of a standard until December 2015

IEEE Instrumentation and Measurement Society/TC5 - Connectors in Measurements

P287

Standard for Precision Coaxial Connectors (DC to 110 GHz)

Recommendation: Approve PAR for the revision of a standard until December 2015

IEEE Power and Energy Society/Nuclear Power Engineering

P383

Standard for Qualifying Electric Cables and Splices for Nuclear Facilities

Recommendation: Approve PAR for the revision of a standard until December 2015

P1205

Guide for Assessing, Monitoring, and Mitigating Aging Effects on Electrical Equipment Used in Nuclear Power Generating Stations and Other Nuclear Facilities

Recommendation: Approve PAR for the revision of a standard until December 2015

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

PC62.33

Standard for Test Methods and Performance Values of Metal-Oxide Varistor Surge Protective Components

Recommendation: Defer Motion to Approve PAR for the revision of a standard until the NesCom Continuous Processing telecon in May.

IEEE Power and Energy Society/Substations

P525

Guide for the Design and Installation of Cable Systems in Substations

Recommendation: Approve PAR for the revision of a standard until December 2015

P1402

Standard for Physical Security of Electric Power Substations

Recommendation: Approve PAR for the revision of a standard until December 2015

IEEE Power and Energy Society/Switchgear

PC37.16

Standard for Preferred Ratings, Related Requirements, and Application Recommendations for Low-Voltage AC (1000 V and below) and DC (3200 V and below) Power Circuit Breakers

Recommendation: Approve PAR for the revision of a standard until December 2015

IEEE Power and Energy Society/Transmission and Distribution

P1243

Guide for Improving the Lightning Performance of Transmission Lines

Recommendation: Conditionally approve PAR for the revision of a standard until December 2015 contingent upon wording change requested by NesCom in the NesCom meeting being incorporated into the PAR.

IEEE Power and Energy Society/Transformers

PC57.12.34

Standard for Requirements for Pad-Mounted, Compartmental Type, Self Cooled, Three Phase Distribution Transformers, 10 MVA and Smaller; High Voltage, 34.5kV Nominal System Voltage and Below; Low Voltage, 15kV Nominal System Voltage and Below

Recommendation: Approve PAR for the revision of a standard until December 2015

PC57.140

Guide for Evaluation and Reconditioning of Liquid Immersed Power Transformers

Recommendation: Approve PAR for the revision of a standard until December 2015

IEEE Power Electronics Society/Standards Committee

P1573

Recommended Practice for Electronic Power Subsystems: Parameters, Interfaces, Elements, and Performance

Recommendation: Conditionally approve PAR for the revision of a standard until December 2015 contingent upon removal of the last sentence of the scope from the PAR.

PARs to be Administratively Withdrawn

The following PAR was due to expire 31 December 2010. The Sponsor had the extension request deferred while waiting to see if necessary license for copyrighted material could be obtained to proceed. This license was not obtained. The PAR will now be Administratively Withdrawn:

IEEE Instrumentation and Measurement Society/TC8 – Automated Test Systems and Instrumentation Committee

P1155

Standard for VMEbus Extensions for Instrumentation: VXIbus Development

Recommendation: Approve PAR withdrawal.