

IEEE-SA Standards Board New Standards Committee (NesCom) Recommendations 28 March 2012

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

Withdrawal Requests

IEEE Vehicular Technology Society/Intelligent Transportation Systems

P1609.1

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

Recommendation: Approve PAR withdrawal

Modified PARs

IEEE Industry Applications Society/Petroleum & Chemical Industry

P1584

Guide for Performing Arc-Flash Hazard Calculations

Recommendation: Approve modified PAR

IEEE Power and Energy Society/Power System Relaying

PC37.98

Standard for Seismic Qualification Testing of Protective Relays and Auxiliaries for Nuclear Facilities

Recommendation: Approve modified PAR

IEEE Power and Energy Society/Stationary Batteries Committee

P1491

Guide for Selection and Use of Battery Monitoring Equipment in Stationary Applications

Recommendation: Approve modified PAR

IEEE Power and Energy Society/Substations

P998

Guide for Direct Lightning Stroke Shielding of Substations

Recommendation: Approve modified PAR

P1815.1

Standard for Exchanging Information Between Networks Implementing IEC 61850 and IEEE Std 1815 (Distributed Network Protocol - DNP3)

Recommendation: Approve modified PAR

Extension Requests

IEEE Engineering in Medicine and Biology Society/IEEE 11073™ Standards Committee

P11073-10102

Standard for Health informatics - Point-of-care medical device communication - Nomenclature - Annotated ECG

Recommendation: Approve request for an extension until December 2012

IEEE Industry Applications Society/Petroleum & Chemical Industry

P1683

Standard for Motor Control Centers Rated Up To and Including 600 Vac or 1000 Vdc with Requirements Intended to Reduce Electrical Hazards While Performing Defined Operations

Recommendation: Approve request for an extension until December 2014

IEEE Power and Energy Society/Substations

P80

Guide for Safety in AC Substation Grounding

Recommendation: Approve request for an extension until December 2013

IEEE Power Electronics Society/Standards Committee

P1789

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

Recommendation: Approve request for an extension until December 2014

IEEE Vehicular Technology Society/Rail Transportation Standards Committee

P1627

Standard for Grounding Practices for dc Electrification Overhead Contact Systems, Including Application of Lightning Arresters, for Transit Systems

Recommendation: Approve request for an extension until December 2013

New PARs

IEEE-SA Board of Governors/Corporate Advisory Group

P1858

Standard for Camera Phone Image Quality (CPIQ)

Recommendation: Approve new PAR until December 2016

IEEE Computer Society/LAN/MAN Standards Committee

P802.3bk

IEEE Standard for Information technology--Telecommunications and information exchange between systems--Local and metropolitan area networks--Specific requirements Part 3: Carrier Sense Multiple Access with Collision Detection (CSMA/CD) Access Method and Physical Layer Specifications Amendment: Physical Layer Specifications and Management Parameters for Extended Ethernet Passive Optical Networks

Recommendation: Approve new PAR until December 2016

P802.15.4n

IEEE Standard for Local and metropolitan area networks--Part 15.4: Low-Rate Wireless Personal Area Networks (LR-WPANs) Amendment: Physical Layer Utilizing Dedicated Medical Bands in China

Recommendation: Approve new PAR until December 2016

P802.15.4p

IEEE Standard for Local and metropolitan area networks--Part 15.4: Low-Rate Wireless Personal Area Networks (LR-WPANs) Amendment: Positive Train Control (PTC) System Physical Layer

Recommendation: Approve new PAR until December 2016

P802.15.8

Wireless Medium Access Control (MAC) and Physical Layer (PHY) Specifications for Peer Aware Communications (PAC)

Recommendation: Approve new PAR until December 2016

P802.21d

IEEE Standard for Local and metropolitan area networks -- Part 21: Media Independent Handover Services Amendment: Multicast Group Management

Recommendation: Approve new PAR until December 2016

IEEE Computer Society/Standards Activities Board

P1857

Standard for Advanced Audio and Video Coding

Recommendation: Approve new PAR until December 2016

P3333.2

Standard for Three-Dimensional Model Creation Using Unprocessed 3D Medical Data

Recommendation: Approve new PAR until December 2016

IEEE Industry Applications Society/Technical Books Coordinating Committee

P3006.5

Recommended Practice for the Use of Probability Methods for Conducting a Reliability Analysis of Industrial and Commercial Power Systems

Recommendation: Approve new PAR until December 2016

IEEE Power and Energy Society/Nuclear Power Engineering

P1707

Recommended Practice for the Investigation of Events at Nuclear Facilities

Recommendation: Approve new PAR until December 2016

IEEE Power and Energy Society/Power System Relaying

PC37.245

Guide for the Application of Protective Relaying for Phase Shifting Transformers

Recommendation: Defer approval of new PAR until the June 2012

NesCom meeting so that further edits can be made to the PAR.

IEEE Power and Energy Society/Switchgear

PC37.42

Specifications for High-Voltage (>1000 V) Distribution and Power Class Fuses, Distribution Enclosed Single-Pole Air Switches and Accessories Used with These Devices

Recommendation: Approve new PAR until December 2016

IEEE Reliability Society/IEEE Reliability

P1856

Standard Framework for Prognostics and Health Management of Electronic Systems

Recommendation: Approve new PAR until December 2016

IEEE Vehicular Technology Society/Intelligent Transportation Systems

P1609.6

Standard for Wireless Access in Vehicular Environments (WAVE) - Remote Management Service

Recommendation: Conditionally approve new PAR until December 2016 contingent upon the Working Group chair information being added to the PAR form

PARs for the Revision of Standards

IEEE Power and Energy Society/Insulated Conductors

P1610

Guide for the Application of Faulted Circuit Indicators on Distribution Circuits

Recommendation: Approve PAR for the revision of a standard until December 2016

IEEE Power and Energy Society/Nuclear Power Engineering

P352

Guide for General Principles of Reliability Analysis of Nuclear Power Generating Station Systems and Other Nuclear Facilities

Recommendation: Approve PAR for the revision of a standard until December 2016

P1082

Guide for Incorporating Human Reliability Analysis into Probabilistic Risk Assessments for Nuclear Power Generating Stations and other Nuclear Facilities

Recommendation: Approve PAR for the revision of a standard until December 2016

IEEE Power and Energy Society/Power System Relaying

PC37.119

Guide for Breaker Failure Protection of Power Circuit Breakers

Recommendation: Approve PAR for the revision of a standard until December 2016

IEEE Power and Energy Society/Stationary Batteries Committee

P1189

Guide for Selection of Batteries for Stationary Applications

Recommendation: Approve PAR for the revision of a standard until December 2016

IEEE Power and Energy Society/Transmission and Distribution

P563

Guide on Conductor Self-Damping Measurements

Recommendation: Defer approval of PAR for the revision of a standard until the 04 May 2012 NesCom Continuous Processing telecon so that further edits can be made to the PAR.

P664

Guide for Laboratory Measurement of the Power Dissipation Characteristics of Aeolian Vibration Dampers for Single Conductors

Recommendation: Defer approval of PAR for the revision of a standard until the 04 May 2012 NesCom Continuous Processing telecon so that further edits can be made to the PAR.

IEEE Power and Energy Society/Transformers

PC57.93

Guide for Installation and Maintenance of Liquid-Immersed Power Transformers

Recommendation: Approve PAR for the revision of a standard until December 2016

IEEE Power Electronics Society/Standards Committee

P388

Standard for Transformers and Inductors in Electronic Power Conversion Equipment

Recommendation: Approve PAR for the revision of a standard until December 2016

P389

Recommended Practice for Testing Transformers and Inductors For Electronics Applications

Recommendation: Approve PAR for the revision of a standard until December 2016