

IEEE-SA Standards Board New Standards Committee (NesCom) Recommendations [SASB approval date: 23-Mar-2017]

[All votes unanimous unless noted otherwise.]

Modified PARs

IEEE Industrial Electronics Society/Industrial Electronics Society Standards Committee

P21451-001

Recommended Practice for Signal Treatment Applied to Smart Transducers

Recommendation: Approve modified PAR

IEEE Power and Energy Society/Energy Storage & Stationary Battery Committee

P1189

Guide for Selection of Batteries for Standby Applications

Recommendation: Approve modified PAR

IEEE Power and Energy Society/Substations

P1711

Standard for a Cryptographic Protocol for EPS Serial Links

Recommendation: Conditionally approve modified PAR; contingent upon determining if referenced material is in the public domain and if it is not, by getting a copyright release agreement from AGA.

IEEE Power and Energy Society/Transmission and Distribution

P1250

Guide for Identifying and Improving Power Quality in Power Systems

Recommendation: Approve modified PAR

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

P62704-3

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 Using the Finite Difference Time Domain (FDTD) Method for SAR Calculations of Mobile Phones

Recommendation: Approve modified PAR

Extension Requests

IEEE Power and Energy Society/Substations

P1402

Guide for Physical Security of Electric Power Substations

Recommendation: Approve request for an extension until December 2019

New PARs

IEEE Computer Society/LAN/MAN Standards Committee

P802.15.3f

Standard for High Data Rate Wireless Multi-Media Networks Amendment Extending the Physical layer (PHY) specification for millimeter wave to operate from 57.0 GHz to 71 GHz

Recommendation: Approve new PAR until December 2021

P802.15.13

Standard for Multi-Gigabit per Second Optical Wireless Communications (OWC) with Ranges up to 200 meters

Recommendation: Approve new PAR until December 2021

IEEE Computer Society/Learning Technology

P7004

Standard for Child and Student Data Governance

Recommendation: Conditionally approve new PAR until December 2021; contingent upon removing the first sentence of the scope.

IEEE Computer Society/Software & Systems Engineering Standards Committee

P2030.4

Guide for Control and Automation Installations Applied to the Electric Power Infrastructure

Recommendation: Defer new PAR until the May 2017 NesCom teleconference. The attachment referenced in section 8.1 has not been shared with NesCom yet. (3 in favor, 2 abstain)

P2430

Standard for Software Nonfunctional Sizing Measurement

Recommendation: Conditionally approve new PAR until December 2021; contingent upon staff confirming whether an agreement is needed with the organization listed in section 6.1 on the PAR.

P7005

Standard for Transparent Employer Data Governance

Recommendation: Conditionally approve new PAR until December 2021; contingent upon removing the first sentence of the scope.

P7006

Standard for Personal Data Artificial Intelligence (AI) Agent

Recommendation: Approve new PAR until December 2021

IEEE Consumer Electronics Society/Standards Committee

P2048.6

Standard for Virtual Reality and Augmented Reality: Immersive User Interface

Recommendation: Approve new PAR until December 2021

P2048.7

Standard for Virtual Reality and Augmented Reality: Map for Virtual Objects in the Real World

Recommendation: Approve new PAR until December 2021

P2048.8

Standard for Virtual Reality and Augmented Reality: Interoperability between Virtual Objects and the Real World

Recommendation: Approve new PAR until December 2021

P3141

Standard for 3D Body Processing

Recommendation: Approve new PAR until December 2021

IEEE Communications Society/Standards Development Board

P1906.1.1

Standard Data Model for Nanoscale Communication Systems

Recommendation: Approve new PAR until December 2021

P1932.1

Standard for Licensed/Unlicensed Spectrum Interoperability in Wireless Mobile Networks

Recommendation: Defer new PAR until the May 2017 NesCom teleconference to provide further clarification of the scope. Glenn Parsons was assigned as mentor. (4 in favor, 1 recuse)

P1933.1

Hybrid Automatic Repeat reQuest for High Throughput Applications

Recommendation: Approve new PAR until December 2021 (3 in favor, 1 opposed [Parsons], 1 abstain)

IEEE Engineering in Medicine and Biology Society/Standards Committee

P2550

Standard for Remote Monitoring of a Neonate and the Mother Post-Partum in a Non-Clinical Healthcare Setting

Recommendation: Approve new PAR until December 2021

IEEE Instrumentation and Measurement Society/TC9 - Sensor Technology

P1451.8

Standard for Wind Turbine Health Monitoring System Wireless Communication Protocols and Transducer Electronic Data Sheet (TEDS) Format

Recommendation: Approve new PAR until December 2021 (4 in favor, 1 opposed [Parsons])

IEEE Power and Energy Society/Energy Storage & Stationary Battery Committee

P535-2013/Cor 1

Standard for Qualification of Class 1E Vented Lead Acid Storage Batteries for Nuclear Power Generating Stations - Corrigendum 1: Clarification of Thermal Aging Durations

Recommendation: Approve new PAR until December 2021

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

PC62.43.1

Guide for Surge Protectors and Surge Protective Circuits Used in Information and Communication Technology Circuits (ICT), Including Smart Grid - Part 1 Applications

Recommendation: Approve new PAR until December 2021

IEEE Power and Energy Society/Substations

P1711.1

Standard for a Cryptographic Protocol for Cyber Security of Substation Serial Links: Substation Serial Protection Protocol

Recommendation: Conditionally approve new PAR until December 2021; contingent upon determining if referenced material is in the public domain and if it is not, by getting a copyright release agreement from AGA.

IEEE Power and Energy Society/Switchgear

PC37.012a

Guide for the Application of Capacitance Current Switching for AC High-Voltage Circuit Breakers Above 1000 V
Amendment Changing the Capacitive Inrush/Outrush Limitations of Switchgear

Recommendation: Approve new PAR until December 2021

IEEE Power and Energy Society/Transformers

PC57.13.9

Standard for Power-Line Carrier Coupling Capacitors and Coupling Capacitor Voltage Transformers

Recommendation: Conditionally approve new PAR until December 2021; contingent upon staff confirming acceptance of the noted letter of transfer.

IEEE Power Electronics Society/Standards Committee

P2004

Hardware-in-the-Loop (HIL) Simulation Based Testing of Electric Power Apparatus and Controls

Recommendation: Approve new PAR until December 2021

PARs for the Revision of Standards

IEEE Computer Society/LAN/MAN Standards Committee

P802.11

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

Recommendation: Approve PAR for the revision of a standard until December 2021

P802.15.4

Standard for Low-Rate Wireless Networks

Recommendation: Approve PAR for the revision of a standard until December 2021

IEEE Computer Society/Software & Systems Engineering Standards Committee

P26511

Systems and Software Engineering -- Requirements for Managers of Information for Users of Systems, Software, and Services

Recommendation: Approve PAR for the revision of a standard until December 2021

IEEE Engineering in Medicine and Biology Society/Standards Committee

P1708

Standard for Wearable Cuffless Blood Pressure Measuring Devices

Recommendation: Approve PAR for the revision of a standard until December 2021

IEEE Power and Energy Society/Insulated Conductors

P634

Standard for Cable-Penetration Fire Stop Qualification Test

Recommendation: Approve PAR for the revision of a standard until December 2021

IEEE Power and Energy Society/Nuclear Power Engineering

P382

Standard for Qualification of Safety-Related Actuators for Nuclear Power Generating Stations and Other Nuclear Facilities

Recommendation: Approve PAR for the revision of a standard until December 2021

IEEE Power and Energy Society/Power System Relaying

P1646

Standard Communication Delivery Time Performance Requirements for Electric Power Substation Automation

Recommendation: Approve PAR for the revision of a standard until December 2021

PC37.102

Guide for AC Generator Protection

Recommendation: Approve PAR for the revision of a standard until December 2021

PC37.112

Standard Inverse-Time Characteristic Equations for Overcurrent Relays

Recommendation: Approve PAR for the revision of a standard until December 2021

PC37.234

Guide for Protective Relay Applications to Power System Buses

Recommendation: Approve PAR for the revision of a standard until December 2021

IEEE Power and Energy Society/Substations

P980

Guide for Containment and Control of Oil Spills in Substations

Recommendation: Approve PAR for the revision of a standard until December 2021

P1127

Guide for the Design, Construction, and Operation of Electric Power Substations for Community Acceptance and Environmental Compatibility

Recommendation: Approve PAR for the revision of a standard until December 2021

IEEE Power and Energy Society/Transmission and Distribution

P519

Standard for Harmonic Control in Electric Power Systems

Recommendation: Approve PAR for the revision of a standard until December 2021

IEEE Power and Energy Society/Transformers

PC57.12.80

Standard Terminology for Power and Distribution Transformers

Recommendation: Approve PAR for the revision of a standard until December 2021

PC57.142

Guide to Describe the Occurrence and Mitigation of Switching Transients Induced by Transformers, Switching Device, and System Interaction

Recommendation: Approve PAR for the revision of a standard until December 2021

PC57.150

Guide for the Transportation of Transformers and Reactors Rated 10,000 kVA or Higher

Recommendation: Approve PAR for the revision of a standard until December 2021