Withdrawal Requests

**IEEE Computer Society/Software & Systems Engineering Standards Committee**

**P20000-1**
Information Technology -- Service Management -- Part 1: Service Management System Requirements
*Recommendation: Approve PAR withdrawal*

**IEEE Communications Society/Standards Development Board**

**P1908.1**
Virtual Keyboard Standard for Indic Languages
*Recommendation: Approve PAR withdrawal*

**IEEE Industry Applications Society/Technical Books Coordinating Committee**

**P3004.9**
Recommended Practice for the Protection of Power Transformers Used in Industrial and Commercial Power Systems
*Recommendation: Approve PAR withdrawal*

**P3004.10**
Recommended Practice for Generator Protection in Industrial and Commercial Power Systems
*Recommendation: Approve PAR withdrawal*

**P3004.13**
Recommended Practice for Overcurrent Coordination in Industrial and Commercial Power Systems
*Recommendation: Approve PAR withdrawal*

**IEEE Instrumentation and Measurement Society/TC25 - Medical and Biological Measurements**

**P1721**
Standard for Objective Measurement of Systemic Arterial Blood Pressure in Humans
*Recommendation: Approve PAR withdrawal*

**Modified PARs**

**IEEE Computer Society/LAN/MAN Standards Committee**

**P802.11ax**
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 High Efficiency WLAN  
Recommendation: Approve modified PAR

IEEE Computer Society/Software & Systems Engineering Standards Committee

P82079-1  
Preparation of Information for Use (Instructions for Use) of Products - Part 1: Principles and General Requirements  
Recommendation: Approve modified PAR

IEEE Computer Society/Standards Activities Board

P1680.4  
Standard for Environmental Leadership and Corporate Social Responsibility Assessment of Servers  
Recommendation: Approve modified PAR

IEEE Electromagnetic Compatibility Society/Standards Development Committee

P1128  
Recommended Practice for Radio-Frequency (RF) Absorber Evaluation in the Range of 30 MHz to 40 GHz  
Recommendation: Approve modified PAR

P1848  
Techniques & Measures to Manage Functional Safety and Other Risks With Regard to Electromagnetic Disturbances  
Recommendation: Approve modified PAR

IEEE Industry Applications Society/Petroleum & Chemical Industry

P844.3  
Standard for Impedance Heating of Pipelines and Equipment - General, Testing, Marking, and Documentation Requirements  
Recommendation: Approve modified PAR

P844.4  
Recommendation: Approve modified PAR

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

P1679.1  
Guide for the Characterization and Evaluation of Lithium-Based Batteries in Stationary Applications  
Recommendation: Approve modified PAR

P1679.2  
Guide for the Characterization and Evaluation of Sodium-Beta Batteries in Stationary Applications  
Recommendation: Approve modified PAR

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 modified PAR

IEEE Vehicular Technology Society/Rail Transportation Standards Committee

P1627
Standard for Transient Overvoltage Protection of DC Electrification Systems by Application of DC Surge Arresters

Recommendation: Approve modified PAR

Extension Requests

IEEE Computer Society/LAN/MAN Standards Committee

P802.15.8
Wireless Medium Access Control (MAC) and Physical Layer (PHY) Specifications for Peer Aware Communications (PAC)

Recommendation: Approve request for an extension until December 2018

IEEE Computer Society/Standards Activities Board

P1680.4
Standard for Environmental Assessment of Servers

Recommendation: Approve request for an extension until December 2019

P1857.4
Standard for 2nd Generation IEEE 1857 Video Coding

Recommendation: Approve request for an extension until December 2019

P1857.6
Standard for Digital Media Content Description

Recommendation: Approve request for an extension until December 2019

IEEE Computer Society/Test Technology

P1450.4

Recommendation: Approve request for an extension until December 2018

P1804
Standard for Fault Accounting and Coverage Reporting to Digital Modules (FACR)

Recommendation: Approve request for an extension until December 2018

IEEE Industry Applications Society/Petroleum & Chemical Industry

P844.3
Standard for Impedance Heating of Pipelines, Vessels, Equipment, and Structures - General, Testing, Marking, and Documentation Requirements

Recommendation: Approve request for an extension until December 2019

P844.4

3

*Recommendation: Approve request for an extension until December 2019*

**P844.5**
Recommended Practice for the Design, Installation, Testing, Commissioning and Maintenance of Induction Heating Systems for Pipelines, Vessels, Equipment, Structures and Induction Susceptor Heating Furnaces

*Recommendation: Approve request for an extension until December 2019*

**P1584**
Guide for Performing Arc-Flash Hazard Calculations

*Recommendation: Approve request for an extension until December 2019*

**P1814**
Recommended Practice for Electrical System Design Techniques to Improve Electrical Safety

*Recommendation: Approve request for an extension until December 2019*

**P61886-1**
Subsea Equipment - Power Connectors, Penetrators and Jumper Assemblies with Rated Voltage from 3 kV (Umax = 3.6 kV) to 30 kV (Umax = 36 kV)

*Recommendation: Approve request for an extension until December 2019*

---

*IEEE Industry Applications Society/Technical Books Coordinating Committee*

**P3002.2**
Recommended Practice for Conducting Load-Flow Studies of Industrial and Commercial Power Systems

*Recommendation: Approve request for an extension until December 2018*

**P3002.3**
Recommended Practice for Conducting Short-Circuit Studies of Industrial and Commercial Power Systems

*Recommendation: Approve request for an extension until December 2018*

**P3002.7**
Recommended Practice for Conducting Motor-Starting Studies in Industrial and Commercial Power Systems

*Recommendation: Approve request for an extension until December 2018*

**P3002.8**
Recommended Practice for Conducting Harmonic-Analysis Studies of Industrial and Commercial Power Systems

*Recommendation: Approve request for an extension until December 2018*

**P3003.1**
Recommended Practice for the System Grounding of Industrial and Commercial Power Systems

*Recommendation: Approve request for an extension until December 2019*

**P3004.3**
Recommended Practice for the Application of Low-Voltage Fuses in Industrial and Commercial Power Systems

*Recommendation: Approve request for an extension until December 2018*
P3004.4
Recommended Practice for the Application of Medium- and High-Voltage Fuses in Industrial and Commercial Power Systems

Recommendation: Approve request for an extension until December 2018

P3004.7
Recommended Practice for the Protection of Power Cables and Busway Used in Industrial and Commercial Power Systems

Recommendation: Approve request for an extension until December 2018

P3004.11
Recommended Practice for Bus and Switchgear Protection in Industrial and Commercial Power Systems

Recommendation: Approve request for an extension until December 2018

P3006.3
Recommended Practice for Determining the Impact of Preventative Maintenance on the Reliability of Industrial and Commercial Power Systems

Recommendation: Approve request for an extension until December 2018

IEEE Instrumentation and Measurement Society/TC4 - High Frequency Measurement

P378
Recommended Practices for Scattering Parameter Measurements Using Vector Network Analyzers

Recommendation: Disapprove request for an extension

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

P484
Recommended Practice for Installation Design and Installation of Vented Lead-Acid Batteries for Stationary Applications

Recommendation: Approve request for an extension until December 2018

P946
Recommended Practice for the Design of DC Power Systems for Stationary Applications

Recommendation: Approve request for an extension until December 2018

P1679.2
Guide for the Characterization and Evaluation of Sodium-Based Batteries in Stationary Applications

Recommendation: Approve request for an extension until December 2018

IEEE Power and Energy Society/Power System Communications and Cybersecurity

P1711
Standard for a Cryptographic Protocol for EPS Serial Links

Recommendation: Approve request for an extension until December 2018

P1711.2
Standard for Secure SCADA Communications Protocol (SSCP)

Recommendation: Approve request for an extension until December 2018
P2030.102.1
Standard for Interoperability of Internet Protocol Security (IPsec) Utilized within Utility Control Systems
Recommendation: Approve request for an extension until December 2019

IEEE Power and Energy Society/Power System Instrumentation and Measurements

P1889
Recommendation: Approve request for an extension until December 2019

IEEE Power and Energy Society/Power System Relaying and Control

PC37.237
Standard Requirements for Time Tags Created by Intelligent Electronic Devices - COMTAG(TM)
Recommendation: Approve request for an extension until December 2018

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

PC62.22
Guide for the Application of Metal-Oxide Surge Arresters for Alternating-Current Systems
Recommendation: Approve request for an extension until December 2018

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

PC62.41.3
Guide for Interactions Between Power System Disturbances and Surge Protective Devices
Recommendation: Approve request for an extension until December 2019

PC62.42.2
Guide for the Application of Surge-Protective Components in Surge Protective Devices and Equipment Ports - Part 2 Metal-Oxide Varistors (MOVs)
Recommendation: Approve request for an extension until December 2020

PC62.42.4
Recommendation: Approve request for an extension until December 2019

IEEE Power and Energy Society/Substations

P1427
Guide for Recommended Electrical Clearances and Insulation Levels in Air Insulated Electrical Power Substations
Recommendation: Approve request for an extension until December 2019

P1615
Recommended Practice for Network Communication in Electric Power Substations
Recommendation: Approve request for an extension until December 2018

P2030.101
Guide for Designing a Time Synchronization System for Power Substations

*Recommendation: Approve request for an extension until December 2018*

**IEEE Power and Energy Society/Switchgear**

PC37.04
Standard for Ratings and Requirements for AC High Voltage Circuit Breakers with Rated Maximum Voltage above 1000 V
*Recommendation: Approve request for an extension until December 2018*

PC37.06.1
Recommended Practice for Preferred Ratings for High-Voltage (>1000 Volts) AC Circuit Breakers Designated Definite Purpose for Fast Transient Recovery Voltage Rise Times
*Recommendation: Approve request for an extension until December 2018*

PC37.60
High-Voltage Switchgear and Controlgear - Part 111: Automatic Circuit Reclosers for Alternating Current Systems Up To and Including 38 kV
*Recommendation: Approve request for an extension until December 2018*

PC37.62
Standard for Pad Mounted, Dry Vault, Submersible Fault, and Overhead Fault Interrupters for Alternating Current Systems up to 38 kV
*Recommendation: Approve request for an extension until December 2019*

PC37.100.1
Standard of Common Requirements for High Voltage Power Switchgear Rated Above 1000 V
*Recommendation: Approve request for an extension until December 2018*

PC37.100.2
Standard for Common Requirements for Testing of AC Capacitance Current Switching Devices Over 1000 V
*Recommendation: Approve request for an extension until December 2018*

**IEEE Power and Energy Society/Transmission and Distribution**

P751
Guide for Wood Structures Used for Overhead Electric Transmission Lines
*Recommendation: Approve request for an extension until December 2018*

P1243
Guide for Improving the Lightning Performance of Transmission Lines
*Recommendation: Approve request for an extension until December 2019*

P1307
Standard for Fall Protection for Utility Work
*Recommendation: Approve request for an extension until December 2018*

P1854
Guide for Smart Distribution Applications
*Recommendation: Approve request for an extension until December 2018*
P1882
Recommendation: Approve request for an extension until December 2018

P1885
Guide for Assessing, Measuring and Verifying Volt-Var Control Optimization on Distribution Systems
Recommendation: Approve request for an extension until December 2019

IEEE Power and Energy Society/Transformers

PC57.13.7
Standard for Current Transformers with a Maximum mA Secondary Current of 250 mA
Recommendation: Approve request for an extension until December 2018

PC57.104
Guide for the Interpretation of Gases Generated in Oil-Immersed Transformers
Recommendation: Approve request for an extension until December 2019

PC57.162
Guide for the Interpretation of Moisture Related Parameters in Dry, Gas Insulated and Liquid Immersed Transformers and Reactors
Recommendation: Approve request for an extension until December 2020

IEEE Power Electronics Society/Standards Committee

P1573
Recommended Practice for Electronic Power Subsystems: Parameters, Interfaces, Elements, and Performance
Recommendation: Approve request for an extension until December 2019

IEEE-SASB Coordinating Committees/SCC20 - Test and Diagnosis for Electronic Systems

P1636.2
Standard for Software Interface for Maintenance Information Collection and Analysis (SIMICA): Exchanging Maintenance Action Information via the Extensible Markup Language (XML)
Recommendation: Approve request for an extension until December 2018

P1641.1a
Guide for the Use of IEEE Std 1641, IEEE Standard for Signal and Test Definition Amendment to add Guidelines for producing reusable Test Signal Frameworks (TSFs) for use on platforms utilizing Automatic Test Markup Language (ATML)
Recommendation: Approve request for an extension until December 2018

IEEE-SASB Coordinating Committees/SCC21 - Fuel Cells, Photovoltaics, Dispersed Generation, and Energy Storage

P2030.2.1
Recommendation: Approve request for an extension until December 2018
New PARs

IEEE Computer Society/LAN/MAN Standards Committee

**P802.15.10a**
Recommended Practice for Routing Packets in IEEE 802.15.4 Dynamically Changing Wireless Networks
Amendment to fully define use of addressing and route information currently in the standard
*Recommendation: Approve new PAR until December 2021*

IEEE Computer Society/Software & Systems Engineering Standards Committee

**P21840**
*Recommendation: Approve new PAR until December 2021*

**P21841**
Systems and Software Engineering -- Taxonomies of Systems of Systems (SoS)
*Recommendation: Approve new PAR until December 2021*

IEEE Computer Society/Standards Activities Board

**P2671**
Standard for General Requirements of Online Detection Based on Machine Vision in Intelligent Manufacturing
*Recommendation: Approve new PAR until December 2021*

**P2672**
Guide for General Requirements of Mass Customization
*Recommendation: Approve new PAR until December 2021*

IEEE Consumer Electronics Society/Standards Committee

**P2050**
Standard for Real-time Operating System (OS) for Small-scale Embedded Systems
*Recommendation: Approve new PAR until December 2021*

IEEE Communications Society/Edge, Fog, Cloud Communications with IOT and Big Data Standards Committee

**P1935**
Standard for Edge/Fog Manageability and Orchestration
*Recommendation: Approve new PAR until December 2021*

**P2557**
Standard for Ambient Genetics Frameworks
*Recommendation: Approve new PAR until December 2021*

**P2558**
Standard for Ambient Objects
*Recommendation: Approve new PAR until December 2021*
IEEE Communications Society/Power Line Communications

P1901.3
Standard for Power Line Communications for Internet of Things Applications
Recommendation: Approve new PAR until December 2021

IEEE Electromagnetic Compatibility Society/Standards Development Committee

P2665
Recommended Practice for Statistical Process Control for EMC Test Laboratories
Recommendation: Approve new PAR until December 2021

IEEE Industry Applications Society/Petroleum & Chemical Industry

P2455
Recommended Practice for the Repair and Maintenance of Direct Current Electric Machines
Recommendation: Approve new PAR until December 2021

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

P2770
60099-11 Surge Arresters - Part 11: Metal-Oxide Line Surge Arresters to Protect Power Line Insulation
Recommendation: Approve new PAR until December 2021

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

PC62.35-2010/Cor 1
Standard Test Methods for Avalanche Junction Semiconductor Surge-Protective Device Components - Corrigendum 1
Recommendation: Approve new PAR until December 2021

PC62.55-2017/Cor 1
Guide for Surge Protection of DC Power Feeds to Remote Radio Heads - Corrigendum 1
Recommendation: Approve new PAR until December 2021

IEEE Power and Energy Society/Transmission and Distribution

P2445
Standard Practice for Inspection and Assessment of Below Grade and Groundline Corrosion on Weathering Steel on Electrical Transmission and Distribution Structures
Recommendation: Approve new PAR until December 2021

IEEE Society on Social Implications of Technology/Social Implications of Technology Standards Committee

P7011
Standard for the Process of Identifying and Rating the Trustworthiness of News Sources
Recommendation: Approve new PAR until December 2021

P7012
Standard for Machine Readable Personal Privacy Terms
Recommendation: Approve new PAR until December 2021
PARs for the Revision of Standards

IEEE Computer Society/Design Automation

P1647
Standard for the Functional Verification Language e
Recommendation: Approve PAR for the revision of a standard until December 2021

IEEE Computer Society/Software & Systems Engineering Standards Committee

P15026-4
Recommendation: Approve PAR for the revision of a standard until December 2021

P15289
ISO/IEC/IEEE International Standard -- Systems and Software Engineering -- Content of Life-Cycle Information Items (Documentation)
Recommendation: Approve PAR for the revision of a standard until December 2021

P90003
Software Engineering -- Guidelines for the application of ISO 9001:2015 to computer software
Recommendation: Approve PAR for the revision of a standard until December 2021

IEEE Industry Applications Society/Petroleum & Chemical Industry

P463
Recommendation: Approve PAR for the revision of a standard until December 2021

IEEE Industry Applications Society/Technical Books Coordinating Committee

P3007.1
Recommended Practice for the Operation and Management of Industrial and Commercial Power Systems
Recommendation: Approve PAR for the revision of a standard until December 2021

P3007.3
Recommended Practice for Electrical Safety in Industrial and Commercial Power Systems
Recommendation: Approve PAR for the revision of a standard until December 2021

IEEE Instrumentation and Measurement Society/TC4 - High Frequency Measurement

P287
Standard for Precision Coaxial Connectors (DC-110 GHZ)
Recommendation: Approve PAR for the revision of a standard until December 2021

IEEE Instrumentation and Measurement Society/TC9 - Sensor Technology

P1451.0
Standard for a Smart Transducer Interface for Sensors, Actuators, Devices, and Systems - Common Functions,
Communication Protocols, and Transducer Electronic Data Sheet (TEDS) Formats

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

**P1451.5**
Standard for a Smart Transducer Interface for Sensors and Actuator -- Wireless Communication Protocols and Transducer Electronic Data Sheet (TEDS) Formats

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

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

**P1679**
Recommended Practice for the Characterization and Evaluation of Emerging Energy Storage Technologies in Stationary Applications

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

*IEEE Power and Energy Society/Power System Communications and Cybersecurity*

**P1137**
Recommended Practice for the Implementation of Inductive Coordination Mitigation Techniques and Application

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

**P1686**
Standard for Intelligent Electronic Devices Cyber Security Capabilities

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

*IEEE Power and Energy Society/Power System Relaying and Control*

**PC37.240**
Standard Cybersecurity Requirements for Power System Automation, Protection and Control Systems

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

*IEEE Power and Energy Society/Substations*

**P1246**
Guide for Temporary Protective Grounding Systems Used in Substations

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

*IEEE Power and Energy Society/Transformers*

**PC57.12.90**
Standard Test Code for Liquid-Immersed Distribution, Power, and Regulating Transformers

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

**PC57.13.2**
Standard for Conformance Test Procedure for Instrument Transformers

**Recommendation: Approve PAR for the revision of a standard until December 2021**
PC57.113
Recommended Practice for Partial Discharge Measurement in Liquid-Filled Power Transformers and Shunt Reactors
Recommendation: Approve PAR for the revision of a standard until December 2021

IEEE Vehicular Technology Society/Rail Transportation Standards Committee

P1653.2
Standard for Uncontrolled Traction Power Rectifiers for Substation Applications Up to 1500 V DC Nominal Output
Recommendation: Approve PAR for the revision of a standard until December 2021

P1653.6
Recommended Practice for Grounding of DC Equipment Enclosures in Traction Power Distribution Facilities
Recommendation: Approve PAR for the revision of a standard until December 2021

PARS FOR ADMINISTRATIVE WITHDRAWAL – DECEMBER 2017

P378 (IM/HFM)
Recommended Practices for Scattering Parameter Measurements Using Vector Network Analyzers
(New PAR)

P742 (PE/NPE)
Standard for Bus Voltage Monitoring of the Class 1E Power Systems in Nuclear Power Generating Stations (NPGS)
(New PAR)

PC37.1.1 (PE/SUB)
Standard for Input and Output Requirements and Testing Methodology for Intelligent Electronic Devices (IEDs)
(Revision PAR)