No.	New No.	Standard Name
P3215	P3220.01	Standard for Consensus Framework for Blockchain System
P3233	P3220.02	Standard for Blockchain-Based Decentralized Storage Protocol Specification
P3204	P3221.01	Standard for Blockchain Interoperability - Cross-Chain Transaction Consistency Protocol
P3210	P3222.01	Standard for blockchain-based digital identity system framework
P3211	P3223.01	Standard for blockchain-based Electronic Evidence interface specification
P3202	P3230.01	Standard for Capability Evaluation Requirements of Blockchain Practitioners
P3214	P3230.02	Standard for testing specification of blockchain system
P3216	P3230.03	Standard for Blockchain Service Capability Evaluation
P3222	P3231.01	Standard for the Reference Architecture of Blockchain as a Service
P3223	P3231.02	Standard for the Reference Architecture of Blockchain Fusion Server
P3212	P3232.01	Standard for Governance framework for Blockchain system
P3227.1	P3232.02	System Technical Requirements for Risk Assessment of On-chain Digital Content
P3224	P3240.01	Standard for Blockchain-based Green Power Identification Application
P3230	P3240.02	Standard for Blockchain based Power System Demand Response Technical Specification
P3231	P3240.03	Standard for a Blockchain-based Energy Metaverse Application Model, Framework, and Requirements
P3232	P3240.04	Standard for Blockchain-based Renewable Energy Certificates Trading Technical Specifications
P3225	P3241.01	Standard for Using Blockchain in Low Carbon Zones Evaluation
P3234	P3241.02	Standard for Blockchain-based Carbon Trading Data Format Specification
P3226	P3250.01	Standard for Trusted Data Circulation based on Blockchain and DLT
P3227	P3250.02	Standard for a Reference Framework of Data Security Circulation System Based on Blockchain and Federated computation
P3229	P3260.01	Guide for Industrial Software Application Based on Blockchain
P3208	P3270.01	Standard for Blockchain-based digital asset exchange model
P3220	P3270.02	Guide for the Application of Non-Fungible Token (NFT) Based Digital Asset
P3221	P3270.03	Standard for Technical Requirements of Digital Collection Services Based on Blockchain Technologies
P3228	P3271.01	Standard for the Recurring Transactions Using Distributed Ledger Technologies (DLTs)

IEEE SA Standards Board New Standards Committee (NesCom) Recommendations

[SASB approval date: 26-Sep-2024]
[All votes unanimous unless noted otherwise.]

Withdrawal Requests

IEEE Computer Society/LAN/MAN Standards Committee
P802.1Qdd
Standard for Local and Metropolitan Area Networks--Bridges and Bridged Networks
 Amendment: Resource Allocation Protocol
Recommendation: Approve PAR withdrawal.

IEEE Computer Society/Microprocessor Standards Committee
P1722b
Standard for a Transport Protocol for Time-Sensitive Applications in Bridged Local Area Networks – Amendment: New and Extended Streaming Formats
Recommendation: Approve PAR withdrawal.

IEEE Computer Society/Software & Systems Engineering Standards Committee
P3131
Recommended Practice for Data Engineering with Heterogeneous Ecosystems and Data Sources for Efficient Data Processing, Management, and Consumption
Recommendation: Approve PAR withdrawal.

IEEE Computer Society/Standards Activities Board Standards Committee
P1599
Recommended Practice for the Definition of a Multilayer Representation of Music Using eXtensible Markup Language (XML)
Recommendation: Approve PAR withdrawal.

Modified PARs

IEEE Computer Society/Artificial Intelligence Standards Committee
P2874
Standard for Spatial Web Protocol, Architecture and Governance
Recommendation: Approve modified PAR.

P3152
Standard for Transparent Agency Identification of Humans and Machines
Recommendation: Approve modified PAR.

IEEE Computer Society/Learning Technology
P2881
Standard for Learning Metadata Terms
Recommendation: Approve modified PAR.

IEEE Industry Applications Society/Industrial Power Conversion Systems Department
P2943
Recommended Practice for Testing Energy Efficiency of Variable Frequency Drive Systems
Recommendation: Approve modified PAR.

IEEE Instrumentation and Measurement Society/TC45 - Radiation and Nuclear Instrumentation and Systems
PN42.61
Standard for Data Format for Real-Time Streaming from Radiation Detection Instruments
Recommendation: Approve modified PAR.

IEEE Instrumentation and Measurement Society/TC9 - Sensor Technology
P1451.9
Standard for Tidal/Wind Turbine Health Monitoring System (HMS) with Wireless Communication Protocols and Transducer Electronic Data Sheet (TEDS) Formats
Recommendation: Approve modified PAR.

IEEE Power and Energy Society/Insulated Conductors
P1215
Guide for the Application of Separable Insulated Connectors

Recommendation: Approve modified PAR.

IEEE Power and Energy Society/Power System Instrumentation and Measurements
P3453
Guide for Evaluation and Application of Overall Measurement Uncertainty of Electrical Energy Metering Devices
Recommendation: Approve modified PAR.

IEEE Power and Energy Society/Transmission and Distribution
P1067
Guide for In-Service Use, Care, Maintenance, and Testing of Conductive Clothing Used for Live Work and Power Frequency AC Induction Protection
Recommendation: Approve modified PAR.

IEEE Robotics and Automation Society/Standing Committee for Standards
P2817
Guide for Verification of Autonomous Systems
Recommendation: Approve modified PAR.

IEEE Society on Social Implications of Technology/Social Implications of Technology Standards Committee
P2895
Standard Taxonomy for Responsible Use and Privacy of Human-Generated Data
Recommendation: Approve modified PAR.

Extension Requests

IEEE Communications Society/Access and Core Networks Standards Committee
P1904.4
Standard for Service Interoperability in 25 Gb/s and 50 Gb/s Ethernet Passive Optical Networks
Recommendation: Approve request for an extension until 31 December 2025.

P1941.1
Recommended Practice for Internet Grades of Service in Rural Areas
Recommendation: Approve request for an extension until 31 December 2026.

IEEE Communications Society/Mobile Communication Networks Standards Committee
P2872
Standard for Interoperable and Secure Wireless Local Area Network (WLAN) Infrastructure and Architecture
Recommendation: Approve request for an extension until 31 December 2026.

IEEE Computer Society/Blockchain and Distributed Ledgers
P3202
Standard for Capability Evaluation Requirements of Blockchain Practitioners
Recommendation: Approve request for an extension until 31 December 2026.

IEEE Computer Society/Cybersecurity and Privacy Standards Committee
P2887
Recommended Practice for Zero Trust Security
Recommendation: Approve request for an extension until 31 December 2026.

IEEE Computer Society/LAN/MAN Standards Committee
P802.1DP
Standard for Local and Metropolitan Area Networks – Time-Sensitive Networking for Aerospace Onboard Ethernet Communications
Recommendation: Approve request for an extension until 31 December 2026.

P802.3da
Standard for Ethernet
Amendment: Physical Layer Specifications and Management Parameters for Enhancement of 10 Mb/s Operation over Single Balanced Pair Multidrop Segments
Recommendation: Approve request for an extension until 31 December 2026.

P802.11bf
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 Wireless Local Area Network (WLAN) Sensing
Recommendation: Approve request for an extension until 31 December 2026. (Recuse: Dukes)

P802.15.7a
Standard for Local and Metropolitan Area Networks - Part 15.7: Short-Range Optical Wireless Communications Amendment: Higher Speed, Longer Range Optical Camera Communication (OCC)
Recommendation: Approve request for an extension until 31 December 2025.

P802.16t

Standard for Air Interface for Broadband Wireless Access Systems Amendment - Fixed and Mobile Wireless Access in Narrowband Channels
Recommendation: Approve request for an extension until 31 December 2025.

IEEE Computer Society/Learning Technology
P2247.4
Recommended Practice for Ethically Aligned Design of Artificial Intelligence (AI) in Adaptive Instructional Systems
Recommendation: Approve request for an extension until 31 December 2025.

IEEE Computer Society/Smart Manufacturing Standards Committee
P2806.1
Standard for Connectivity Requirements of Digital Representation for Physical Objects in Factory Environments
Recommendation: Approve request for an extension until 31 December 2026.

P2959
Standard for Technical Requirements of Standard-Oriented Knowledge Graphs
Recommendation: Approve request for an extension until 31 December 2026.

P2971
Standard for the Test Requirements of a Gateway Supporting a Time Sensitive Networking in the Field of Industrial Internet
Recommendation: Approve request for an extension until 31 December 2026.

IEEE Computer Society/Test Technology
P1450.1
Standard for Extensions to Standard Test Interface Language (STIL) (IEEE Std 1450-1999) for Semiconductor Design Environments
Recommendation: Approve request for an extension until 31 December 2025.

P1581
Standard for Static Component Interconnection Test Protocol and Architecture
Recommendation: Approve request for an extension until 31 December 2026.

P1687.2
Standard for Describing Analog Test Access and Control
Recommendation: Approve request for an extension until 31 December 2025.

P2654
Standard for System Test Access Management (STAM) to Enable Use of Sub-System Test Capabilities at Higher Architectural Levels
Recommendation: Approve request for an extension until 31 December 2026.

P2929
Standard for System-level State Extraction for Functional Validation and Debug
Recommendation: Approve request for an extension until 31 December 2026.

IEEE Consumer Technology Society/Digital Finance and Economy Standards Committee
P3807
Standard for Consortium Chain Certificate Application
Recommendation: Approve request for an extension until 31 December 2026.

P3808
Standard for Consortium Chain Traceability Application
Recommendation: Approve request for an extension until 31 December 2026.

IEEE Consumer Technology Society/Emerging Technology Standards Committee
P2861.1
Standard for Troubleshooting Touch Operation Issues for Mobile Gaming
Recommendation: Approve request for an extension until 31 December 2026.

P2861.2
Standard for Mobile Gaming Systems Integration Framework
Recommendation: Approve request for an extension until 31 December 2026.

P2898.1
Standard for General Requirements of Evaluating Intelligent Performance of Household and Similar Electrical Appliances
Recommendation: Approve request for an extension until 31 December 2026.

P2898.2
Standard for Requirements of Evaluating Intelligent Performance of Air Conditioners
Recommendation: Approve request for an extension until 31 December 2026.

P2898.3
Standard for Requirements of Evaluating Intelligent Performance of Refrigeration Appliances

Recommendation: Approve request for an extension until 31 December 2026.

IEEE Consumer Technology Society/Smart Devices Standards Committee
P2951
Technical Requirements and Evaluation Methods for Intelligent Levels of Smart Home Devices
Recommendation: Approve request for an extension until 31 December 2025.

IEEE Electromagnetic Compatibility Society/Standards Development Committee
P2855
Recommended Practice for the Electromagnetic Characterization of Cable/Connector Assembly Shielding Effectiveness in Frequency Range of Direct Current to 40 GHz
Recommendation: Approve request for an extension until 31 December 2026.

IEEE Geoscience and Remote Sensing Society/Standards Committee
P4001
Standard for Characterization and Calibration of Ultraviolet through Shortwave Infrared (250 nm to 2500 nm) Hyperspectral Imaging Devices
Recommendation: Approve request for an extension until 31 December 2025.

P4002
Standard for Synthetic Aperture Radar Metadata Content
Recommendation: Approve request for an extension until 31 December 2026.

P4005
Standard Protocol and Scheme for Measuring Soil Spectroscopy
Recommendation: Approve request for an extension until 31 December 2026.

IEEE Industry Applications Society/Industrial Power Conversion Systems Department
P2943
Energy Efficiency Test Methods for Three-Phase Variable Frequency Drive Systems
Recommendation: Approve request for an extension until 31 December 2026.

P2964
Standard for Datasheet Parameters and Tests for Integrated Gate Drivers
Recommendation: Approve request for an extension until 31 December 2025.

IEEE Microwave Theory and Techniques Society/Standards Committee
P2822
Recommended Practice for Microwave, Millimeter-wave and THz On-Wafer Calibrations, De-Embedding and Measurements
Recommendation: Approve request for an extension until 31 December 2026.

IEEE Power and Energy Society/Electric Machinery
PC50.12
Standard for 50 Hz and 60 Hz Synchronous Generators and Generator/Motors Coupled to Hydraulic Turbines and Rated 5 MVA and Above
Recommendation: Approve request for an extension until 31 December 2026.

IEEE Power and Energy Society/Energy Development & Power Generation
P421.5
Recommended Practice for Excitation System Models for Power System Stability Studies
Recommendation: Approve request for an extension until 31 December 2026.

IEEE Power and Energy Society/Energy Storage & Stationary Battery Committee
P1679.3
Guide for the Characterization and Evaluation of Flow Batteries in Stationary Applications
Recommendation: Approve request for an extension until 31 December 2025.

IEEE Power and Energy Society/Insulated Conductors
P1215
Guide for the Application of Separable Insulated Connectors
Recommendation: Approve request for an extension until 31 December 2026. (Abstain: Biyabani and Edwards)

IEEE Power and Energy Society/Power System Instrumentation and Measurements
P2681
Guide for Testing Medium Voltage Smart Grid Sensor and Intelligent Electronic Device Systems
Recommendation: Approve request for an extension until 31 December 2026.

IEEE Power and Energy Society/Power System Relaying and Control
P2030.100.1
Monitoring and Diagnostics of IEC 61850 Generic Object Oriented Status Event (GOOSE) and Sampled Values Based Systems
Recommendation: Approve request for an extension until 31 December 2026.

IEEE Power and Energy Society/Switchgear
PC37.30.7
Standard Requirements for High-Voltage Air Switches Rated Above 1000 Vdc
Recommendation: Approve request for an extension until 31 December 2027. (Abstain: Edwards)

IEEE Power and Energy Society/Transformers
P259
Standard Test Procedure for Evaluation of Systems of Insulation for Dry-Type Specialty and General-Purpose Transformers
Recommendation: Approve request for an extension until 31 December 2026.

PC57.32.10
Guide for the Selection of Neutral-Grounding Devices for High Voltage Direct Current (HVDC) Converter Transformers
Recommendation: Approve request for an extension until 31 December 2025.

IEEE Power and Energy Society/Transmission and Distribution
P563
Guide on Conductor Self-Damping Measurements
Recommendation: Approve request for an extension until 31 December 2026.

P664
Guide for Laboratory Measurement of the Power Dissipation Characteristics of Aeolian Vibration Dampers for Single Conductors
Recommendation: Approve request for an extension until 31 December 2026.

P1227
Guide for the Measurement of DC Electric-Field Strength and Ion Related Quantities
Recommendation: Approve request for an extension until 31 December 2025.

P1854
Guide for Smart Distribution Applications
Recommendation: Approve request for an extension until 31 December 2026.

IEEE Reliability Society/IEEE Reliability Society Standards Committee
P1413
Standard Framework for Reliability Prediction of Hardware
Recommendation: Approve request for an extension until 31 December 2025.

IEEE Sensors Council/Standards Committee
P2520.1
Standard for Baseline Performance for Odor Analysis Devices and Systems
Recommendation: Approve request for an extension until 31 December 2026.

IEEE Society on Social Implications of Technology/Social Implications of Technology Standards Committee
P2895
Standard Taxonomy for Responsible Trading of Human-Generated Data
Recommendation: Approve request for an extension until 31 December 2026.

P7011
Standard for the Process of Identifying and Rating the Trustworthiness of News Sources
Recommendation: Approve request for an extension until 31 December 2026. (Abstain: Biyabani)

P7012
Standard for Machine Readable Personal Privacy Terms
Recommendation: Approve request for an extension until 31 December 2025.

IEEE Vehicular Technology Society/Traction Power Systems Standards Committee
P1653.1
Standard for Traction Power Rectifier Transformers for Substation Applications up to 1500 V DC Nominal Output
Recommendation: Approve request for an extension until 31 December 2026.

New PARs

IEEE Communications Society/Access and Core Networks Standards Committee
P1953.1
Standard for Flexible Optical Service Unit for Optical Networks
Recommendation: Approve new PAR until December 2028.

IEEE Communications Society/Standards Development Board
P1956
Standard for an Intelligent Industrial Data Collection Network Framework and Protocols
Recommendation: Approve new PAR until December 2028.

IEEE Computational Intelligence Society/Standards Committee

P3478
Standard for Technical Specifications of Deep Learning Models for Vehicular Traffic Engineering
Recommendation: Approve new PAR until December 2028.

P3479
Standard for Multimodal Deep Learning Models for Smart Construction of Buildings
Recommendation: Approve new PAR until December 2028.

P3480
Standard for Multimodal Deep Learning Models for Urban Underground Space
Recommendation: Approve new PAR until December 2028.

IEEE Computer Society/Artificial Intelligence Standards Committee

P3378.6
Standard for Large-Scale Deep Learning Models for Coding
Recommendation: Approve new PAR until December 2028.

P3378.7
Standard for Technical Requirements for Large-Scale Deep Learning Models in Power Industry
Recommendation: Approve new PAR until December 2028.

P3481
Standard for the Functional Requirements for Cybersecurity-Specific Large Language Models
Recommendation: Approve new PAR until December 2028.

P3482
Standard for Technical Requirements for Modeling and Control of Three Dimensional Digital Human Based on Machine Learning Models
Recommendation: Approve new PAR until December 2028.

P3488
Standard for Technical Requirements of Artificial Intelligence-Based Data Sample Labeling and Management for Transmission and Distribution Lines
Recommendation: Approve new PAR until December 2028.

P3489
Standard for Test Technical Requirements of Image Recognition Algorithms for Power Line Hidden Danger Monitoring
Recommendation: Approve new PAR until December 2028.

P3514
Recommended Practice for Levels of Artificial Intelligence Capabilities for AI Entities and Applications
Recommendation: Approve new PAR until December 2028.

P7999
Standard for Integrating Organizational Ethics Oversight in Projects and Processes Involving Artificial Intelligence
Recommendation: Approve new PAR until December 2028.

P7999.1
Standard for Integrating Organizational Ethics Oversight in Projects and Processes Involving Artificial Intelligence – Qualification of Individuals
Recommendation: Approve new PAR until December 2028.

P7999.2
Standard for Integrating Organizational Ethics Oversight in Projects and Processes Involving Artificial Intelligence – Organizational Certification
Recommendation: Approve new PAR until December 2028.

IEEE Computer Society/Blockchain and Distributed Ledgers

P3240.05
Standard for Technical Specifications of Blockchain-Based Electricity Trading Smart Contracts
Recommendation: Approve new PAR until December 2028.

P3241.03
Standard for Carbon Accounting Utilizing Blockchain
Recommendation: Approve new PAR until December 2028.

P3250.03
Guide for Blockchain-Based Data Transfer Applications
Recommendation: Approve new PAR until December 2028.

IEEE Computer Society/Data Compression Standards Committee

P1857.13
Standard for Audio Representation in Virtual Reality

Recommendation: Approve new PAR until December 2028.

P2941.4
Standard for Representation and Application Programming Interface for Graph Neural Network Models
Recommendation: Approve new PAR until December 2028.

P3184.3
Standard for Software-in-the-Loop Simulation Testing of Planning and Control Modules in Autonomous Driving Systems
Recommendation: Approve new PAR until December 2028.

IEEE Computer Society/LAN/MAN Standards Committee
P802.1ASed
IEEE Standard for Local and Metropolitan Area Networks--Timing and Synchronization for Time-Sensitive Applications Amendment: Fault-Tolerant Timing with Time Integrity
Recommendation: Approve new PAR until December 2028.

P802.1DD
Standard for Local and Metropolitan Area Networks - Resource Allocation Protocol
Recommendation: Approve new PAR until December 2028.

IEEE Computer Society/Smart Manufacturing Standards Committee
P2672.1
Guide for a Mass Customization Maturity Model Based on Industrial Cloud Platforms
Recommendation: Approve new PAR until December 2028.

P3517
Guide for 5G Deterministic Networks for Flexible Manufacturing
Recommendation: Approve new PAR until December 2028.

IEEE Computer Society/Software & Systems Engineering Standards Committee
P24748-10
ISO/IEC/IEEE Systems and software engineering-- Life cycle management--Part 10: Guidelines for systems engineering agility
Recommendation: Approve new PAR until December 2028. (Abstain =1)

P25070
Systems and software engineering --Systems and software Quality Requirements and Evaluation (SQuaRE)-- Quality Engineering Concepts
Recommendation: Approve new PAR until December 2028.

IEEE Computer Society/Standards Activities Board Standards Committee
P2888.1a
IEEE Standard for Specification of Sensor Interface for Cyber and Physical Worlds   Amendment: Binary Representation of Data Formats for Interfacing Sensors and their Capabilities
Recommendation: Approve new PAR until December 2028.

P2888.2a
IEEE Standard for Actuator Interface for Cyber and Physical Worlds Amendment: Binary representation of data formats, application programming interfaces and definition of additional actuators
Recommendation: Approve new PAR until December 2028.

P2888.5a
IEEE Standard for Virtual Training System Evaluation Methods Amendment: Physiological evaluation method for virtual training systems
Recommendation: Approve new PAR until December 2028.

P2888.7
Standard for Architecture of a Digital Twin System for Carbon Emission Management
Recommendation: Approve new PAR until December 2028.

IEEE Consumer Technology Society/Digital Finance and Economy Standards Committee
P3800.1
Standard for a Data Trading System: Protocol and Object Framework
Recommendation: Approve new PAR until December 2028. (Recuse: Lin)

P3827
Standard for Data Assets Infrastructure for Smart Home Systems - Requirements and Guidelines for Multimodal Data Fusion
Recommendation: Approve new PAR until December 2028.

P3828
Standard for Digital Product Passport - Reference Architecture and Technical Requirements
Recommendation: Approve new PAR until December 2028.

IEEE Consumer Technology Society/Emerging Technology Standards Committee
P3494

Standard for Technical Specifications of Smart Reservation System for Free-of-Charge Museums
Recommendation: Approve new PAR until December 2028.

IEEE Consumer Technology Society/Metaverse Standards Committee
P2048.501

Guide for Metaverse based Training Simulation System for Power Dispatching
Recommendation: Approve new PAR until December 2028.

IEEE Consumer Technology Society/Smart Devices Standards Committee
P2886

Standard for General Requirements for Smart Residential Water Systems
Recommendation: Approve new PAR until December 2028.

P3521

Standard for Technical and Application Requirements for Intelligent Software Development Tools for Smart Devices
Recommendation: Approve new PAR until December 2028.

P3524

Standard for Active Noise Cancellation Requirements and Testing in Household Range Hoods
Recommendation: Approve new PAR until December 2028.

IEEE Instrumentation and Measurement Society/TC9 - Sensor Technology
P1588h

IEEE Standard for a Precision Clock Synchronization Protocol for Networked Measurement and Control Systems Amendment: Option to Disable Announcement Messages
Recommendation: Approve new PAR until December 2028.

P3502

Standard for Technical Requirements of Wide-band (0 Hz to100 kHz) High-current (10 kA to1000 kA) Optical Fiber Sensors
Recommendation: Approve new PAR until December 2028.

P3503

Guide for Non-Contact Temperature Measurement by Laser Absorption Spectroscopy
Recommendation: Approve new PAR until December 2028.

P3519

Guide for Optical Fiber Vibration Sensors of Public Infrastructures
Recommendation: Approve new PAR until December 2028.

IEEE Oceanic Engineering Society/Standards Committee
P3501

Recommended Practice for the Development of Digital Twins of the Earth
Recommendation: Approve new PAR until December 2028.

IEEE Photonics Society/Standards Committee
P3523

Guide for Adaptive Gain Regulation of Industrial Ultraviolet Detection
Recommendation: Approve new PAR until December 2028.

IEEE Power and Energy Society/Energy Development & Power Generation
P3504

Guide for Coordination Control of Full-Size Converter Based Variable Speed Pumped Storage Unit
Recommendation: Approve new PAR until December 2028.

P3513

Standard for Supply Chain and Asset Traceability for Photovoltaic Solar Module Recycling and Reuse
Recommendation: Approve new PAR until December 2028.

IEEE Power and Energy Society/Insulated Conductors
P3522

Guide for Thermal Stability Data Collection Through Laboratory Testing of Soil and Backfill
Recommendation: Approve new PAR until December 2028.

P48404.1

Standard for Terminations and Joints used on Extruded and Laminated Dielectric Shielded Alternating-Current Power Cables Rated 2.5 kV through 46 kV
Recommendation: Approve new PAR until December 2028.

IEEE Power and Energy Society/Nuclear Power Engineering Committee
P60880

Nuclear power plants—Instrumentation and control systems important to safety—Software aspects for computer-based systems performing category A functions
Recommendation: Approve new PAR until December 2028.

IEEE Power and Energy Society/Power System Communications and Cybersecurity
P1222-2019/Cor 1
IEEE Standard for Testing and Performance for All-Dielectric Self-Supporting (ADSS) Fiber Optic Cable for Use on Electric Utility Power Lines - Corrigendum 1 to IEEE Standard 1222-2019
Recommendation: Approve new PAR until December 2028.

IEEE Power and Energy Society/Substations Committee
PC37.122.9
Guide for Condition Assessment of Gas-Insulated Substations Rated Above 52 kV
Recommendation: Approve new PAR until December 2028.

IEEE Power and Energy Society/Transformers
PC57.151
Guide for the Evaluation of the Environmental Impact and Life Cycle Assessment of Transformers and Shunt Reactors
Recommendation: Approve new PAR until December 2028.

IEEE Power and Energy Society/Transmission and Distribution
PC135.80-2023/Cor 1
IEEE Standard for Fasteners for Overhead Line Construction - Corrigendum 1
Recommendation: Approve new PAR until December 2028.

IEEE SA Board of Governors/Entity Collaborative Activities Governance Board
P3516
Recommended Practice for Electrical Installation and System Integration of Energy Storage Shipping Containers
Recommendation: Approve new PAR until December 2028.

IEEE SA Board of Governors/International Committee on Electromagnetic Safety
P63195-3
IEEE/IEC International Standard - □
Assessment of Power Density of Human Exposure to Radio Frequency Fields from Wireless Devices in Close Proximity to the Head and Body (Frequency Range of 6 GHz to 300 GHz) Part 3: Measurement Procedures for Absorbed Power Density
Recommendation: Approve new PAR until December 2028.

P63195-4
IEEE/IEC International Standard - Assessment of Power Density of Human Exposure to Radio Frequency Fields from Wireless Devices in Close Proximity to the Head and Body (Frequency Range of 6 GHz to 300 GHz) Part 4: Computational Procedures for Absorbed Power Density
Recommendation: Approve new PAR until December 2028.

IEEE Signal Processing Society/Synthetic Aperture Standards Committee
P3520
Recommended Practice for Leveraging Machine Learning in Synthetic Aperture Imaging and Sensing
Recommendation: Approve new PAR until December 2028.

IEEE Society on Social Implications of Technology/Social Implications of Technology Standards Committee
P7019
Standard for the Implementation and Governance of Autonomous and Intelligent Systems Related to Earth Law Principles
Recommendation: Approve new PAR until December 2028.

PARs for the Revision of Standards
IEEE Communications Society/Power Line Communications
P1901
Standard for Broadband over Power Line Networks: Medium Access Control and Physical Layer Specifications
Recommendation: Approve PAR for the revision of a standard until December 2028.

IEEE Computer Society/Cybersecurity and Privacy Standards Committee
P2883
Standard for Sanitizing Storage
Recommendation: Approve PAR for the revision of a standard until December 2028.

IEEE Computer Society/LAN/MAN Standards Committee
P802.1AB
Standard for Local and metropolitan area networks - Station and Media Access Control Connectivity Discovery
Recommendation: Approve PAR for the revision of a standard until December 2028.

P802.1AC
Standard for Local and metropolitan area networks -- Media Access Control (MAC) Service Definition
Recommendation: Approve PAR for the revision of a standard until December 2028.

IEEE Computer Society/Software & Systems Engineering Standards Committee
P15026-1
ISO/IEC/IEEE International Standard for Systems and software engineering--Systems and software assurance -- Part 1:Concepts and vocabulary
Recommendation: Approve PAR for the revision of a standard until December 2028.

IEEE Computer Society/Test Technology
P1149.6
Standard for Boundary-Scan Testing of Advanced Digital Networks
Recommendation: Approve PAR for the revision of a standard until December 2028.

IEEE Electromagnetic Compatibility Society/Standards Development Committee
P1560
Standard for Methods of Measurement of Radio Frequency Power Line Interference Filter in the Range of 100 Hz to 10 GHz
Recommendation: Approve PAR for the revision of a standard until December 2028.

IEEE Industry Applications Society/Industrial & Commercial Power Systems Standards Development Committee
P1668
Recommended Practice for Voltage Sag and Short Interruption Ride-Through Testing for End-Use Electrical Equipment Rated Less than 1000 V
Recommendation: Approve PAR for the revision of a standard until December 2028.

IEEE Industry Applications Society/Petroleum & Chemical Industry
P844.1
IEEE/CSA Standard for Skin Effect Trace Heating of Pipelines, Vessels, Equipment, and Structures - General, Testing, Marking, and Documentation Requirements
Recommendation: Approve PAR for the revision of a standard until December 2028.

P844.2
IEEE/CSA Standard for Skin Effect Trace Heating of Pipelines, Vessels, Equipment, and Structures--Application Guide for Design, Installation, Testing, Commissioning, and Maintenance
Recommendation: Approve PAR for the revision of a standard until December 2028.

IEEE Instrumentation and Measurement Society/TC9 - Sensor Technology
P1588
Standard for a Precision Clock Synchronization Protocol for Networked Measurement and Control Systems
Recommendation: Approve PAR for the revision of a standard until December 2028.

IEEE Microwave Theory and Techniques Society/Standards Committee
P1549
Standard for Microwave Filter Definitions
Recommendation: Approve PAR for the revision of a standard until December 2028.

IEEE Power and Energy Society/Energy Development & Power Generation
P421.2
Guide for Testing and Evaluation of the Dynamic Performance of Excitation Control Systems
Recommendation: Conditional Approve of PAR for the revision of a standard based upon changing 5.4 of P421.2 to "The purpose of this guide is". The approval of this PAR for the revision of a standard until December 2028. The condition has been met.

IEEE Power and Energy Society/Insulated Conductors
P848
Standard Procedure for the Determination of the Ampacity Derating Factor for Fire-Protected Cable Systems
Recommendation: Approve PAR for the revision of a standard until December 2028.

IEEE Power and Energy Society/Nuclear Power Engineering Committee
P62582-5
IEEE/IEC International Standard - Nuclear power plants -- Instrumentation and control important to safety -- Electrical equipment condition monitoring methods -- Part 5: Optical time domain reflectometry
Recommendation: Approve PAR for the revision of a standard until December 2028.

IEEE Power and Energy Society/Power System Instrumentation and Measurements
P4
Standard for High-Voltage Testing Techniques
Recommendation: Approve PAR for the revision of a standard until December 2028.

IEEE Power and Energy Society/Substations Committee

PC37.122.4

Guide for Application and User Guide for Gas-Insulated AC Transmission Lines, Rated 72.5 kV and Above
Recommendation: Approve PAR for the revision of a standard until December 2028. (Abstain=1)

IEEE Power and Energy Society/Switchgear

PC37.06.1

Recommended Practice for Preferred Ratings for High-Voltage (>1000 V) AC Circuit Breakers Designated Definite Purpose for Fast Transient Recovery Voltage Rise Times
Recommendation: Approve PAR for the revision of a standard until December 2028.

PC37.10.1

Guide for the Selection of Monitoring for Circuit Breakers
Recommendation: Approve PAR for the revision of a standard until December 2028.

PC37.20.2

Standard for Metal-Clad Switchgear
Recommendation: Approve PAR for the revision of a standard until December 2028.

PC37.20.9

Standard for Metal-Enclosed Switchgear Rated 1 kV to 52 kV Incorporating Gas Insulating Systems
Recommendation: Approve PAR for the revision of a standard until December 2028.

PC37.30.5

Standard for Definitions for AC High-Voltage Air Switches Rated Above 1000 V
Recommendation: Approve PAR for the revision of a standard until December 2028.

PC37.017

Standard for Bushings for High-Voltage (Over 1000 Vac) Circuit Breakers and Gas-Insulated Switchgear
Recommendation: Approve PAR for the revision of a standard until December 2028.

IEEE Power and Energy Society/Transformers

P60076-57-1202

IEC/IEEE International Standard Power Transformers Part 57-1202: Liquid immersed phase-shifting transformers
Recommendation: Approve PAR for the revision of a standard until December 2028.

PC57.12.10

Standard Requirements for Liquid-Immersed Power Transformers
Recommendation: Approve PAR for the revision of a standard until December 2028. (Vote: Yes=6, No=5; Abstain =1).

PC57.19.04

Standard for Performance Characteristics and Dimensions for High Current Power Transformer Bushings with Rated Continuous Current in Excess of 5000 A located within Bus Enclosures
Recommendation: Approve PAR for the revision of a standard until December 2028.

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 2028.

P1025

Guide to the Assembly and Erection of Concrete Pole Structures
Recommendation: Approve PAR for the revision of a standard until December 2028.

IEEE SA Board of Governors/International Committee on Electromagnetic Safety

P63195-1

IEEE/IEC International Standard Assessment of power density of human exposure to radio frequency fields from wireless devices in close proximity to the head and body (frequency range of 6 GHz to 300 GHz)--Part 1: Measurement procedure for Incident Power Density
Recommendation: Approve PAR for the revision of a standard until December 2028.

P63195-2

IEC/IEEE International Standard - Assessment of power density of human exposure to radio frequency fields from wireless devices in close proximity to the head and body (frequency range of 6 GHz to 300 GHz)--Part 2: Computational procedure for Incident Power Density
Recommendation: Approve PAR for the revision of a standard until December 2028.

IEEE SA Board of Governors/Quantities, Units, and Symbols Standards Committee

PSI 10

American National Standard for Metric Practice
Recommendation: Approve PAR for the revision of a standard until December 2028.

IEEE Ultrasonics, Ferroelectrics and Frequency Control Society/IEEE Ultrasonics, Ferroelectrics and Frequency Control

P1859
Standard for Relaxor-Based Single Crystals for Transducer and Actuator Applications
Recommendation: Approve PAR for the revision of a standard until December 2028.