IEEE SA Standards Board New Standards Committee (NesCom) Recommendations

[SASB approval date: 21-May-2021]  
[All votes unanimous unless noted otherwise.]

Withdrawal Requests

**IEEE Power and Energy Society/Nuclear Power Engineering**  
P379  
Standard for Application of the Single-Failure Criterion to Nuclear Power Generating Station Safety Systems  
**Recommendation:** Approve PAR withdrawal

Modified PARs

**IEEE Computer Society/Standards Activities Board**  
P2963  
Standard for Data Formats for Smart Legal Contracts  
**Recommendation:** Approve modified PAR

**IEEE Engineering in Medicine and Biology Society/Standards Committee**  
P2621.1  
**Recommendation:** Approve modified PAR

**P2621.2**  
**Recommendation:** Approve modified PAR

**P2621.3**  
Standard for Wireless Diabetes Device Security—Use of Mobile Devices in Diabetes Control Contexts  
**Recommendation:** Approve modified PAR

**IEEE Sensors Council/Standards Committee**  
P2520.3.1  
Standard for Machine Olfaction Devices and Systems Used for General Indoor Odor Monitoring  
**Recommendation:** Approve modified PAR

Extension Requests

**IEEE Power and Energy Society/Energy Development & Power Generation**  
P125  
Recommended Practice for Preparation of Equipment Specifications for Speed-Governing of Hydraulic Turbines Intended to Drive Electric Generators  
**Recommendation:** Approve request for an extension until December 2023

**IEEE Power and Energy Society/Transformers**  
PC57.143  
Guide for Application of Monitoring Equipment to Liquid-Immersed Transformers and Components  
**Recommendation:** Approve request for an extension until December 2023

New PARs

**IEEE Communications Society/Mobile Communication Networks Standards Committee**  
P2994  
Standard for Security Assessment Framework for Internet of Things (IoT) Application Deployments  
**Recommendation:** Approve new PAR until December 2025

**IEEE Communications Society/Virtualized and Software Defined Networks, and Services Standards Committee**  
P1952  
Standard for Resilient Positioning, Navigation and Timing (PNT) User Equipment  
**Recommendation:** Approve new PAR until December 2025

**IEEE Computer Society/Blockchain and Distributed Ledgers**  
P3218  
Standard for Using Blockchain for Carbon Trading Applications  
**Recommendation:** Approve new PAR until December 2025
P3219
Standard for Blockchain-based Zero-Trust Framework for Internet of Things (IoT)
Recommendation: Approve new PAR until December 2025

IEEE Computer Society/LAN/MAN Standards Committee
P802.1Qdq
Standard for Local and Metropolitan Area Networks--Bridges and Bridged Networks Amendment: Shaper Parameter Settings for Bursty Traffic Requiring Bounded Latency
Recommendation: Approve new PAR until December 2025

IEEE Consumer Technology Society/Standards Committee
P2785.1
Standard for Interconnection and Interoperability Requirements of Smart Home Systems
Recommendation: Defer new PAR to the next NesCom meeting. Ramy Fathy was assigned as a mentor to help address issues with the scope and other related information needed for the PAR.

IEEE Engineering in Medicine and Biology Society/Standards Committee
P1752.2
Standard for Mobile Health Data: Representation of Cardiovascular, Respiratory, and Metabolic Measures
Recommendation: Approve new PAR until December 2025

IEEE Industrial Electronics Society/Industrial Electronics Society Standards Committee
P1451.5.5
Standard for a Smart Transducer Interface for Sensors and Actuator -- Wireless Communication Protocols and Transducer Electronic Data Sheet (TEDS) Formats – LoRa Protocol
Recommendation: Approve new PAR until December 2025 (6 approve, 2 disapprove [Edwards, Hiertz], 4 abstain [Hong, Ulema, Wang, Wei])

P1451.5.6
Recommendation: Approve new PAR until December 2025 (6 approve, 0 disapprove, 5 abstain [Hiertz, Hong, Reilly, Wang, Wei])

P1451.5.10
Recommendation: Approve new PAR until December 2025 (10 approve, 0 disapprove, 2 abstain [Edwards, Hiertz])

P2992
Recommended Practice for Data Expression, Exchange, and Processing in Smart Agriculture
Recommendation: Approve new PAR until December 2025

IEEE Industry Applications Society/Industrial & Commercial Power Systems Standards Development Committee
P3004.9
Recommended Practice for the Protection of Transformers Used in Industrial and Commercial Power Systems
Recommendation: Approve new PAR until December 2025

IEEE Power and Energy Society/Energy Development & Power Generation
P2800.2
Recommended Practice for Test and Verification Procedures for Inverter-based Resources (IBRs) Interconnecting with Bulk Power Systems
Recommendation: Approve new PAR until December 2025

IEEE Power and Energy Society/Energy Storage & Stationary Battery Committee
P2993
Recommendation: Approve new PAR until December 2025

IEEE Power and Energy Society/Nuclear Power Engineering
P379.1
Guide for Application of the Single-Failure Criterion to Nuclear Power Generating Station Safety Systems
Recommendation: Approve new PAR until December 2025

IEEE Power and Energy Society/Transmission and Distribution
P2991
Guide for Live-Working Robots for Electric Distribution Systems
Recommendation: Approve new PAR until December 2025

IEEE Power Electronics Society/Standards Committee
P2996
Recommended Practice for Near Magnetic Field and Electric Field Characterization of Transformer and Inductors

**Recommendation:** Approve new PAR until December 2025

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

**P2987**
Recommended Practice for Principles for Design and Operation Addressing Technology-Facilitated Interpersonal Control

**Recommendation:** Approve new PAR until December 2025 (11 approve, 0 disapprove, 1 abstain [Hiertz])

**PARs for the Revision of Standards**

**IEEE Power and Energy Society/Transformers**

**PC57.125**
Guide for Failure Investigation, Documentation, Analysis, and Reporting for Power Transformers and Shunt Reactors

**Recommendation:** Approve PAR for the revision of a standard until December 2025

**PC57.134**
Guide for Determination of Hottest-Spot Temperature in Dry-Type Distribution and Power Transformers

**Recommendation:** Approve PAR for the revision of a standard until December 2025