

NesCom Recommendations

## IEEE-SA Standards Board New Standards Committee (NesCom) Recommendations

[All votes unanimous unless noted otherwise.]

### Modified PARs

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

#### **P42020**

Standard for Software, Systems and Enterprise -- Architecture Processes

**Recommendation: Approve modified PAR**

#### **P42030**

Standard for Software, Systems and Enterprise -- Architecture Evaluation

**Recommendation: Approve modified PAR**

*IEEE Engineering in Medicine and Biology Society/Standards Committee*

#### **P2721**

Standard for Wireless Diabetes Device Security Assurance

**Recommendation: Approve modified PAR**

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

#### **P1679**

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

**Recommendation: Approve modified PAR**

*IEEE Power and Energy Society/Insulated Conductors*

#### **P2740**

Guide for the Selection and Installation of Electrical Cables and Cable Systems in Hazardous (Classified) Locations on Oil & Gas Land Drilling Rigs

**Recommendation: Approve modified PAR**

### Extension Requests

*IEEE Computer Society/Learning Technology*

#### **P1589**

Standard for an Augmented Reality Learning Experience Model

**Recommendation: Approve request for an extension until December 2021**

*IEEE Power and Energy Society/Transformers*

**PC57.12.44**

Standard Requirements for Secondary Network Protectors

**Recommendation: Approve request for an extension until December 2021**

**New PARs**

*IEEE-SA Board of Governors/Corporate Advisory Group*

**P2755.2**

Recommended Practice for Implementation and Management Methodology for Software Based Intelligent Process Automation (SBIPA)

**Recommendation: Approve new PAR until December 2023**

*IEEE Computer Society/LAN/MAN Standards Committee*

**P802.1AE-2018/Cor 1**

Standard for Local and Metropolitan Area Networks-Media Access Control (MAC) Security - Corrigendum 1: Tag Control Information Figure

**Recommendation: Approve new PAR until December 2023**

*IEEE Computer Society/Learning Technology*

**P3527.1**

Standard for Digital Intelligence (DQ) -- Framework for Digital Literacy, Skills and Readiness

**Recommendation: Approve new PAR until December 2023 (6 approve, 2 abstain [Winston])**

*IEEE Consumer Electronics Society/Blockchain Standards Committee*

**P2142.1**

Recommended Practice for E-Invoice Business Using Blockchain Technology

**Recommendation: Approve new PAR until December 2023**

*IEEE Communications Society/Access and Core Networks Standards Committee*

**P1937.3**

Protocol for the Flight Data Transmission of Civil Unmanned Aerial Vehicle Based on BeiDou Short Message

**Recommendation: Approve new PAR until December 2023**

*IEEE Engineering in Medicine and Biology Society/Standards Committee*

**P2733**

Standard for Clinical Internet of Things (IoT) Data and Device Interoperability with TIPPSS - Trust, Identity, Privacy, Protection, Safety, Security

**Recommendation: Approve new PAR until December 2023**

*IEEE Industry Applications Society/Technical Books Coordinating Committee*

**P3003.5**

Recommended Practice for Connections to Earth for Industrial and Commercial Power Facilities

**Recommendation: Approve new PAR until December 2023**

*IEEE Power and Energy Society/Insulated Conductors*

**P48404.1**

Standard for Test Procedures and Requirements for Joints and Live Front Terminations installed on Extruded or Laminated Dielectric Shielded Power Cable Systems Rated 2.5 kV through 46 kV AC

**Recommendation: Approve new PAR until December 2023**

*IEEE Power and Energy Society/Nuclear Power Engineering*

**P2809**

Nuclear Power Plants - Instrumentation, Control and Electrical Power Systems Important to Safety - Common Cause Failure Systems Analysis and Diversity

**Recommendation: Approve new PAR until December 2023**

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

**P1591.4**

Standard for Testing and Performance of Hardware for Optical Fiber Composite Overhead Phase Conductor (OPPC)

**Recommendation: Approve new PAR until December 2023**

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

**PC95.1-2019/Cor 1**

Approved Draft Standard for Safety Levels with Respect to Human Exposure to Electric, Magnetic and Electromagnetic Fields, 0 Hz to 300 GHz

- Corrigendum 1: Correction for C95.1-2019

**Recommendation: Approve new PAR until December 2023**

*IEEE Systems, Man, and Cybernetics Society/Standards Committee*

**P2814**

Techno-economics Metrics Standard for Hybrid Energy and Storage Systems

**Recommendation: Approve new PAR until December 2023**

**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 2023**

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

**P1207**

Guide for the Application of Turbine Governing Systems for Hydroelectric Generating Units

**Recommendation: Approve PAR for the revision of a standard until December 2023**

*IEEE Power and Energy Society/Electric Machinery*

**PC50.13**

Standard for 50 and 60 Hz Synchronous Generators for Non-Hydraulic Applications Rated 10 MVA and Above

**Recommendation: Approve PAR for the revision of a standard until December 2023**

*IEEE Power and Energy Society/Insulated Conductors*

**P1816**

Guide for Preparation Techniques of Shielded Cables Rated 2.5 kV through 46 kV and the Installation of Mating Accessories

**Recommendation: Approve PAR for the revision of a standard until December 2023**

*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 for the revision of a standard until December 2023**

**P1289**

Guide for the Application of Human Factors Engineering in the Design of Computer-Based Monitoring and Control Displays for Nuclear Power Generating Stations and other Nuclear Facilities

**Recommendation: Approve PAR for the revision of a standard until December 2023**

*IEEE Power and Energy Society/Substations*

**P1264**

Guide for Animal Deterrents for Electric Power Supply Substations

**Recommendation: Approve PAR for the revision of a standard until December 2023**

*IEEE Power and Energy Society/Switchgear*

**PC37.20.4**

Standard for AC Switches Rated above 1 kV up to 52 kV for Use in Metal-Enclosed Switchgear

**Recommendation: Approve PAR for the revision of a standard until December 2023**

*IEEE Power and Energy Society/Transformers*

**PC57.12.40**

Standard for Network, Three-Phase Transformers, 2500 kVA and Smaller; High Voltage, 34 500 V and Below; Low Voltage, 600 V and Below; Subway and Vault Types (Liquid Immersed)

**Recommendation: Approve PAR for the revision of a standard until December 2023**

**PC57.19.100**

Guide for Application of Power Apparatus Bushings

**Recommendation: Approve PAR for the revision of a standard until December 2023**

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

**PC95.1-2345**

Standard for Military Workplaces -- Force Health Protection Regarding Personnel Exposure to Electric, Magnetic, and Electromagnetic Fields, 0 Hz to 300 GHz

**Recommendation: Approve PAR for the revision of a standard until December 2023**