IEEE Standards Association

NesCom Recommendations

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

[All votes unanimous unless noted otherwise.]

Modified PARs

**IEEE Industry Applications Society/Petroleum & Chemical Industry**

**P841**
Standard for Petroleum and Chemical Industry--Premium-Efficiency, Severe-Duty, Totally Enclosed Fan-Cooled (TEFC) Squirrel Cage Induction Motors--Up to and Including 370 kW (500 hp)

*Recommendation: Approve modified PAR*

**IEEE Power and Energy Society/Nuclear Power Engineering**

**P60980-344**
Nuclear Facilities - Equipment Important to Safety - Seismic Qualification

*Recommendation: Approve modified PAR*

**IEEE Power and Energy Society/Switchgear**

**PC37.12.1**
Recommended Practice for Instruction Manual Content of AC High-Voltage Circuit Breakers above 1000 Volts

*Recommendation: Approve modified PAR*

**IEEE Vehicular Technology Society/Intelligent Transportation Systems**

**P1609.2b**

*Recommendation: Approve modified PAR*

Extension Requests

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

**P2413**
Standard for an Architectural Framework for the Internet of Things (IoT)

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

**IEEE Education Society/Standards Committee**

**P1876**
Standard for Networked Smart Learning for Online Laboratories

*Recommendation: Approve request for an extension until December 2019*
IEEE Industry Applications Society/Petroleum & Chemical Industry

P841
Standard for Petroleum and Chemical Industry--Premium-Efficiency, Severe-Duty, Totally Enclosed Fan-Cooled (TEFC) Squirrel Cage Induction Motors--Up to and Including 370 kW (500 hp)
Recommendation: Approve request for an extension until December 2020

P80005-1
Recommendation: Approve request for an extension until December 2019

P80005-3
Utility Connections in Port - Part 3: Low Voltage Shore Connection (LVSC) Systems - General Requirements
Recommendation: Approve request for an extension until December 2021

IEEE Instrumentation and Measurement Society/TC9 - Sensor Technology

P21451-1
Standard for Smart Transducer Interface for Sensors and Actuators - Common Network Services
Recommendation: Approve request for an extension until December 2020

P21451-1-4
Standard for a Smart Transducer Interface for Sensors, Actuators, and Devices - eXtensible Messaging and Presence Protocol (XMPP) for Networked Device Communication
Recommendation: Approve request for an extension until December 2020

P21451-2
Recommendation: Approve request for an extension until December 2020

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

P946
Recommended Practice for the Design of DC Power Systems for Stationary Applications
Recommendation: Approve request for an extension until December 2020

IEEE Power and Energy Society/Insulated Conductors

P1202
Standard for Testing Flame-Propagation and Smoke Generation of Cable or Splices/Connectors
Recommendation: Approve request for an extension until December 2022

IEEE Power and Energy Society/Switchgear

PC37.30.1
Standard Requirements for AC High-Voltage Air Switches Rated Above 1000 V
Recommendation: Approve request for an extension until December 2020
P977a
Guide to Installation of Foundations for Transmission Line Structures Amendment
Recommendation: Approve request for an extension until December 2020

P1159.3
Recommended Practice for Power Quality Data Interchange Format (PQDIF)
Recommendation: Approve request for an extension until December 2019

P1854
Guide for Smart Distribution Applications
Recommendation: Approve request for an extension until December 2019

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

PC95.1
Standard for Safety Levels with Respect to Human Exposure to Electric, Magnetic and Electromagnetic Fields, 0 Hz to 300 GHz
Recommendation: Approve request for an extension until December 2019

New PARs

IEEE Computer Society/Learning Technology

P9274.4.1
Recommended Practice for the Implementation of the Experience Application Programming Interface (API) 1.0.3
Recommendation: Approve new PAR until December 2022

IEEE Computer Society/Test Technology

P2654
Standard for System Test Access Management (STAM) to Enable Use of Sub-System Test Capabilities at Higher Architectural Levels
Recommendation: Approve new PAR until December 2022


P2783
Recommendation: Approve new PAR until December 2022

IEEE Power and Energy Society/Transmission and Distribution

P2748
Recommended Practice for Fault Diagnosis and Protection in Smart Distribution System
Recommendation: Approve new PAR until December 2022

P2749
Recommended Practice for Risk Identification and Evaluation of Smart Power Distribution System

*Recommendation: Approve new PAR until December 2022*

**P2772**  
Test Method for Energy Loss of Overhead Conductors  
*Recommendation: Approve new PAR until December 2022*

**IEEE Power and Energy Society/Transformers**

**PC57.32.10**  
Guide for the Selection of Neutral-Grounding Devices for High Voltage Direct Current (HVDC) Converter Transformers  
*Recommendation: Approve new PAR until December 2022*

**PARs for the Revision of Standards**

**IEEE Instrumentation and Measurement Society/TC9 - Sensor Technology**

**P1451.4**  
Standard for A Smart Transducer Interface for Sensors and Actuators--Mixed-Mode Communication Protocols and Transducer Electronic Data Sheet (TEDS) Formats  
*Recommendation: Approve PAR for the revision of a standard until December 2022*

**IEEE Power and Energy Society/Electric Machinery**

**P252**  
Standard Test Procedure for Polyphase Induction Motors Having Liquid in the Magnetic Gap  
*Recommendation: Approve PAR for the revision of a standard until December 2022*

**P620**  
Guide for the Presentation of Thermal Limit Curves for Squirrel Cage Induction Machines  
*Recommendation: Approve PAR for the revision of a standard until December 2022*

**IEEE Power and Energy Society/Insulated Conductors**

**PC62.22.1**  
Guide for Connection of Surge Arresters to Protect Insulated Shielded Electric Power Cable Systems Up to 46 kV  
*Recommendation: Approve PAR for the revision of a standard until December 2022*

**IEEE Power and Energy Society/Substations**

**P1818**  
Recommended Practice for the Design of Low-Voltage Auxiliary Systems for Electric Power Substations  
*Recommendation: Approve PAR for the revision of a standard until December 2022*

**IEEE Power and Energy Society/Transformers**

**PC57.100**  
Standard Test Procedure for the Thermal Evaluation of Insulation Systems for Liquid-Immersed Distribution, Power and Regulating Transformers  
*Recommendation: Approve PAR for the revision of a standard until December 2022*
IEEE Vehicular Technology Society/Rail Transportation Standards Committee

P1474.2
Standard for User Interface Requirements in Communications-Based Train Control (CBTC) Systems
Recommendation: Approve PAR for the revision of a standard until December 2022

P1474.3
Recommended Practice for Communications-Based Train Control (CBTC) System Design and Functional Allocations
Recommendation: Approve PAR for the revision of a standard until December 2022