

NesCom Recommendations

IEEE-SA Standards Board New Standards Committee (NesCom) Recommendations [SASB approval date: 8-Mar-2018]

[All votes unanimous unless noted otherwise.]

Modified PARs

IEEE Industry Applications Society/Technical Books Coordinating Committee

P3004.7

Recommended Practice for the Protection of Conductors Used in Industrial and Commercial Power Systems

Recommendation: Approve modified PAR

IEEE Microwave Theory and Techniques Society/Standards Coordinating Committee

P1765

Trial-Use Recommended Practice for Estimating the Uncertainty in Error Vector Magnitude of Measured Digitally Modulated Signals for Wireless Communications

Recommendation: Approve modified PAR (5 in favor, 1 recuse [Janezic])

IEEE Power and Energy Society/Energy Development & Power Generation

P2775

Technical Guide for Smart Hydroelectric Power Plant

Recommendation: Approve modified PAR

Extension Requests

IEEE Power and Energy Society/Nuclear Power Engineering

P2411

Human Factors Engineering Guide for the Validation of System Designs and Integrated Systems Operations at Nuclear Facilities

Recommendation: Approve request for an extension until December 2020

New PARs

IEEE Engineering in Medicine and Biology Society/Standards Committee

P2727

Standard for General Vocabulary for Conformity Assessment of Medical Devices with Measuring Function

Recommendation: Approve new PAR until December 2022

P2727.1

Standard for Conformity Assessment Testing of Cardiac Defibrillators for Legal Metrology Purposes

Recommendation: Approve new PAR until December 2022

P2730

Standard for Classification, Terminologies, and Definitions of Medical Robots

Recommendation: Approve new PAR until December 2022

IEEE Industrial Electronics Society/Industrial Electronics Society Standards Committee

P2668

Standard for Maturity Index of Internet-of-things: Evaluation, Grading and Ranking

Recommendation: Approve new PAR until December 2022

IEEE Power and Energy Society/Insulated Conductors

P1511.2

Guide for Investigating and Analyzing Failures of Joints on Extruded Shielded Power Cables on Systems Rated 5 kV Through 46 kV

Recommendation: Approve new PAR until December 2022

IEEE Power and Energy Society/Power System Communications and Cybersecurity

P2658

Guide for Cybersecurity Testing in Electric Power Systems

Recommendation: Approve new PAR until December 2022

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 new PAR until December 2022

PC37.300

Guide for Centralized Protection and Control (CPC) Systems within a Substation

Recommendation: Approve new PAR until December 2022

IEEE Power and Energy Society/Transmission and Distribution

P2030.11

Distributed Energy Resources Management Systems (DERMS) Functional Specification

Recommendation: Approve new PAR until December 2022

P2745.1

Guide for Technology of Unified Power Flow Controller Using Modular Multilevel Converter: Part 1 Functions

Recommendation: Approve new PAR until December 2022

P2745.2

Guide for Technology of Unified Power Flow Controller Using Modular Multilevel Converter: Part 2 Terminology

Recommendation: Approve new PAR until December 2022

P2745.3

Guide for Technology of Unified Power Flow Controller Using Modular Multilevel Converter: Part 3 Thyristor Bypass Switch

Recommendation: Approve new PAR until December 2022

P2746

Guide for Evaluating AC Interference on Linear Facilities Co-Located Near Transmission Lines

Recommendation: Approve new PAR until December 2022

IEEE Power and Energy Society/Transformers

PC57.166

Guide for Acceptance and Maintenance of Insulating Liquids in Transformers and Related Equipment

Recommendation: Approve new PAR until December 2022

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

P1547.9

Guide to Using IEEE Standard 1547 for Interconnection of Energy Storage Distributed Energy Resources with Electric Power Systems

Recommendation: Approve new PAR until December 2022

IEEE Vehicular Technology Society/Rail Transportation Standards Committee

P2752

Guide for Multi-Point Grounding System of Trains in Electrified Railway

Recommendation: Approve new PAR until December 2022

P2753

Guide for the Measurement of Pantograph Off-Line and Evaluation of Current Collection Performance for High Speed Railway

Recommendation: Approve new PAR until December 2022

PARs for the Revision of Standards

IEEE Computer Society/Design Automation

P2401

Standard Format for LSI-Package-Board Interoperable Design

Recommendation: Approve PAR for the revision of a standard until December 2022

IEEE Computer Society/Learning Technology

P1484.11.3

Standard for Learning Technology Extensible Markup Language (XML) Schema Binding for Data Model for Content Object Communication

Recommendation: Approve PAR for the revision of a standard until December 2022

P1484.12.3

Standard for Extensible Markup Language (XML) Schema Definition Language Binding for Learning Object Metadata

Recommendation: Approve PAR for the revision of a standard until December 2022

IEEE Engineering in Medicine and Biology Society/IEEE 11073 Standards Committee

P11073-10442

Health Informatics - Personal Health Device Communication Part 10442: Device Specialization - Strength Fitness Equipment

Recommendation: Approve PAR for the revision of a standard until December 2022

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 PAR for the revision of a standard until December 2022

IEEE Power and Energy Society/Nuclear Power Engineering

P577

Standard Requirements for Reliability Analysis in the Design and Operation of Safety Systems for Nuclear Power Generating Stations and Other Nuclear Facilities

Recommendation: Approve PAR for the revision of a standard until December 2022

P765

Standard for Preferred Power Supply (PPS) for Nuclear Power Generating Stations (NPGS)

Recommendation: Approve PAR for the revision of a standard until December 2022

IEEE Power and Energy Society/Substations

P525

Guide for the Design and Installation of Cable Systems in Substations

Recommendation: Approve PAR for the revision of a standard until December 2022

P837

Standard for Qualifying Permanent Connections Used in Substation Grounding

Recommendation: Approve PAR for the revision of a standard until December 2022

PC37.122

Standard for High Voltage Gas-Insulated Substations Rated Above 52 kV

Recommendation: Approve PAR for the revision of a standard until December 2022

IEEE Power and Energy Society/Transmission and Distribution

P1695

Guide to Understanding, Diagnosing, and Mitigating Stray and Contact Voltage

Recommendation: Approve PAR for the revision of a standard until December 2022