NesCom Recommendations

IEEE-SA Standards Board New Standards Committee (NesCom) Recommendations
[SASB approval date: 12-Jun-2014]

[All votes unanimous unless noted otherwise.]

Withdrawal Requests

IEEE Electromagnetic Compatibility Society/Standards Development Committee

1836
Standard for Electromagnetic Compatibility (EMC) - Limits for Harmonic Current Emissions Produced by Equipment Connected to Public Low-Voltage Systems with Input Current <= 16 A Per Phase
Recommendation: Approve PAR withdrawal

1837
Standard for Electromagnetic Compatibility (EMC) - Limits for Harmonic Current Emissions Produced by Equipment Connected to Public Low-Voltage Systems with Input Current > 16 and <= 75 A per phase
Recommendation: Approve PAR withdrawal

Modified PARs

IEEE Computer Society/LAN/MAN Standards Committee

P802.1Qcd
Standard for Local and metropolitan area networks--Media Access Control (MAC) Bridges and Virtual Bridged Local Area Networks Amendment: Application Virtual Local Area Network (VLAN) Type, Length, Value (TLV)
Recommendation: Approve modified PAR

P802.3bp
Standard for Ethernet Amendment Physical Layer Specifications and Management Parameters for 1 Gb/s Operation over a Single Twisted Pair Copper Cable
Recommendation: Approve modified PAR

P802.3bs
Standard for Ethernet Amendment: Media Access Control Parameters, Physical Layers and Management Parameters for 400 Gb/s Operation
Recommendation: Approve modified PAR

IEEE Engineering in Medicine and Biology Society/Standards Committee

P1708
Standard for Wearable Cuffless Blood Pressure Measuring Devices
Recommendation: Approve modified PAR

IEEE Power and Energy Society/Substations
P1264
Guide for Animal Deterrents for Electric Power Supply Substations
Recommendation: Approve modified PAR

IEE Power and Energy Society/Transformers

PC57.94
Recommended Practice for Installation, Application, Operation, and Maintenance of Dry-Type Distribution and Power Transformers
Recommendation: Approve modified PAR

IEE Vehicular Technology Society/Rail Transportation Standards Committee

P1896
Standard for Identification of Contact Wire Used in Overhead Contact Systems
Recommendation: Approve modified PAR

Extension Requests

IEE Nanotechnology Council/Standards Committee

P62659
Standard for Large Scale Manufacturing of Nanoelectronics
Recommendation: Approve request for an extension until December 2015

IEE Power and Energy Society/Transmission and Distribution

P519.1
Guide for Applying Harmonic Limits on Power Systems
Recommendation: Defer until August 2014 NesCom meeting

IEE Power and Energy Society/Transformers

PC57.120
Guide for Loss Evaluation of Distribution and Power Transformers and Reactors
Recommendation: Approve request for an extension until December 2016

IEE Reliability Society/IEE Reliability

P61014
Standard for Programmes for Reliability Growth
Recommendation: Approve request for an extension until December 2016

New PARs

IEE Communications Society/Dynamic Spectrum Access Networks Standards Committee

P1900.6-2011/Cor 1
IEEE Standard for Spectrum Sensing Interfaces and Data Structures for Dynamic Spectrum Access and other Advanced Radio Communication Systems. - Corrigendum 1
Recommendation: Approve new PAR until December 2018

IEEE Communications Society/Standards Development Board

P1652a
IEEE Standard for the Application of Free Field Acoustic Reference to Telephony Measurements Amendment a: Updated diffuse field graph and tables
Recommendation: Approve new PAR until December 2018

P2410
Biometrics Open Protocol Standard
Recommendation: Approve new PAR until December 2018

IEEE Industry Applications Society/Petroleum & Chemical Industry

P80005.3
Utility Connections in Port - Part 3: Low Voltage Shore Connection (LVSC) Systems - General Requirements
Recommendation: Approve new PAR until December 2018

IEEE Industry Applications Society/Power Systems Protection

P2408
Guide for Communications-Based Protection of Industrial and Commercial Power Systems
Recommendation: Defer until August 2014 NesCom meeting

IEEE Instrumentation and Measurement Society/TC10 - Waveform Generation Measurement and Analysis

P2414
Standard for Jitter and Phase Noise
Recommendation: Approve new PAR until December 2018

IEEE Power and Energy Society/Insulated Conductors

P1727-2013/Cor 1
IEEE Guide for Working Procedures on Underground Transmission Circuits with Induced Voltage - Corrigendum 1
Recommendation: Approve new PAR until December 2018

IEEE Power and Energy Society/Power System Relaying

PC37.249
Guide for Categorizing Security Needs for Protection and Automation Related Data Files
Recommendation: Conditionally approve new PAR until December 2018; contingent upon editorial changes being implemented in the JSA

IEEE Power and Energy Society/Surge Protective Devices/Low Voltage

PC62.72a
Guide for the Application of Surge Protective Devices for Low Voltage (1000 Volts or Less) AC Power Circuits Amendment: SPD Disconnector Application Considerations and Coordination for use in Low Voltage AC (1000 V or Less, 50 or 60 Hz) Power Circuits
**Recommendation: Approve new PAR until December 2018**

**PC62.230**  
Guide for Surge Protection of Electric Vehicle Infrastructure  
*Recommendation: Approve new PAR until December 2018*

**IEEE Power and Energy Society/Substations**

**P80-2013/Cor 1**  
IEEE Guide for Safety in AC Substation Grounding  
- Corrigendum 1  
*Recommendation: Approve new PAR until December 2018*

**P1613-2009/Cor 1**  
Standard Environmental and Testing Requirements for Communications Networking Devices Installed in Electric Power Substations - Corrigendum 1: Corrected definition of "communications port"  
*Recommendation: Approve new PAR until December 2018*

**IEEE Power and Energy Society/Transmission and Distribution**

**P2030.7**  
Standard for the Specification of Microgrid Controllers  
*Recommendation: Approve new PAR until December 2018*

**IEEE Power and Energy Society/Transformers**

**P1538a**  
Guide for Determination of Maximum Winding Temperature Rise in Liquid-Filled Transformers Amendment a  
*Recommendation: Approve new PAR until December 2018*

**P60214-2**  
Tap-Changers - Part 2: Application Guide  
*Recommendation: Approve new PAR until December 2018*

**PARs for the Revision of Standards**

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

**P1662**  
Recommended Practice for Design and Application of Power Electronics in Electrical Power Systems  
*Recommendation: Conditionally approve PAR for the revision of a standard until December 2018; contingent upon editorial changes being implemented in the JSA*

**IEEE Instrumentation and Measurement Society/TC10 - Waveform Generation Measurement and Analysis**

**P1057**  
Standard for Digitizing Waveform Recorders  
*Recommendation: Approve PAR for the revision of a standard until December 2018*
IEEE Power and Energy Society/Power System Relaying

PC37.94
Standard for N Times 64 Kilobit Per Second Optical Fiber Interfaces Between Teleprotection and Multiplexer Equipment
Recommendation: Approve PAR for the revision of a standard until December 2018

IEEE Power and Energy Society/Surge Protective Devices/Low Voltage

PC62.62
Standard Test Specifications for Surge-Protective Devices (SPDs) for Use on the Load Side of the Service Equipment in Low-Voltage (1000 V and Less) AC Power Circuits
Recommendation: Approve PAR for the revision of a standard until December 2018

IEEE Power and Energy Society/Transformers

PC57.110
Recommended Practice for Establishing Liquid-Immersed and Dry-Type Power and Distribution Transformer Capability When Supplying Nonsinusoidal Load Currents
Recommendation: Approve PAR for the revision of a standard until December 2018