

**IEEE-SA Standards Board  
New Standards Committee (NesCom)  
Recommendations  
23-Oct-2009**

NesCom submits the following recommendations to the IEEE-SA Board. Except where noted, all votes were unanimous.

Withdrawal Requests

*IEEE Computer Society/Local and Metropolitan Area Networks*

**P802.19**

Recommended Practice for Information Technology - Telecommunications and information exchange between systems - Local and metropolitan networks - Specific requirements - Part 19: Methods for assessing coexistence of wireless networks

**Recommendation: Approve PAR withdrawal.**

*IEEE-SASB Coordinating Committees/SCC22 - Power Quality*

**P519.1**

Guide for Applying Harmonic Limits on Power Systems

**Recommendation: Approve PAR withdrawal.**

Modified PARs

*IEEE Microwave Theory and Techniques Society/Standards Coordinating Committee*

**P1785**

Standard for Rectangular Metallic Waveguides and Their Interfaces for Frequencies of 110 GHz and Above.

**Recommendation: Approve modified PAR until December 2012**

*IEEE Power & Energy Society/Insulated Conductors*

**P1511.1**

Guide for Investigating and Analyzing Shielded Power Cable Failures on Systems Rated 5 kV Through 46 kV

**Recommendation: Approve modified PAR until December 2010**

*IEEE Power & Energy Society/Transmission and Distribution*

**P1410**

Guide for Improving the Lightning Performance of Electric Power Overhead Distribution Lines

**Recommendation: Approve modified PAR until December 2011**

Extension Requests

*IEEE Industry Applications Society/Petroleum & Chemical Industry*

**P1580**

Recommended Practice for Marine Cable for use on Shipboard and Fixed or Floating Facilities

**Recommendation: Approve request for an extension until December 2010**

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

**P1241**

Standard for Terminology and Test Methods for Analog-to-Digital Converters

**Recommendation: Approve request for an extension until December 2010**

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

**P807**

Recommended Practice for Unique Identification in Hydroelectric Facilities

***Recommendation: Approve request for an extension until December 2010***

*IEEE Power & Energy Society/Power System Communications*

**P1775**

Standard for Powerline Communication Equipment - Electromagnetic Compatibility (EMC) Requirements - Testing and Measurement Methods

***Recommendation: Approve request for an extension until December 2010***

**PC93.4**

Standard for Power-Line Carrier Line-Tuning Equipment (30-500 kHz) Associated With Power Transmission Lines

***Recommendation: Approve request for an extension until December 2011***

*IEEE Power & Energy Society/Power System Relaying*

**PC37.111**

Standard for Common Format for Transient Data Exchange (COMTRADE) for Power Systems

***Recommendation: Approve request for an extension until December 2011***

**PC37.113**

Guide for Protective Relay Applications to Transmission Lines

***Recommendation: Approve request for an extension until December 2010***

*IEEE Power & Energy Society/Stationary Batteries Committee*

**P485**

Recommended Practice for Sizing Lead-Acid Batteries for Stationary Applications

***Recommendation: Approve request for an extension until December 2010***

*IEEE Power & Energy Society/Substations*

**P979**

Guide for Substation Fire Protection

***Recommendation: Approve request for an extension until December 2010***

**P1303**

Guide for Static Var Compensator Field Tests

***Recommendation: Approve request for an extension until December 2011***

*IEEE Power & Energy Society/Switchgear*

**PC37.17**

Standard for Trip Systems for Low-Voltage (up to 635 V) AC and General Purpose Low-Voltage (up to 600 V) DC Power Circuit Breakers

***Recommendation: Approve request for an extension until December 2010***

**PC37.30.1**

Standard Requirements for High Voltage Air Switches for Alternating Current, Rated Above 1,000 Volts

***Recommendation: Approve request for an extension until December 2010***

*IEEE Power & Energy Society/Transformers*

**PC57.98**

Guide for Transformer Impulse Tests

***Recommendation: Approve request for an extension until December 2010***

**PC57.151**

Guide for Sound Level Measurement Guide for Liquid Filled and Dry Type Transformers and Reactors

***Recommendation: Defer to December agenda due to lack of response to comments***

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

**P1547.4**

Guide for Design, Operation, and Integration of Distributed Resource Island Systems with Electric Power Systems

***Recommendation: Approve request for an extension until December 2010***

**P1547.6**

Recommended Practice for Interconnecting Distributed Resources With Electric Power Systems Distribution Secondary Networks

***Recommendation: Approve request for an extension until December 2011***

New PARs

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

**P24748.1**

Guide: Adoption of ISO/IEC TR 24748-1, Systems and Software Engineering--Guide for Life Cycle Management

***Recommendation: Approve new PAR until December 2013***

**P24748.2**

Guide: Adoption of ISO/IEC 24748-2, Systems and software engineering -- Life Cycle Management -- Part 2: Guide for the application of ISO/IEC 15288 (System Life Cycle Processes)

***Recommendation: Approve new PAR until December 2013***

**P24748.3**

Guide: Adoption of ISO/IEC 24748-3, Systems and Software Engineering--Life Cycle Management--Part 3: Guide for the Application of ISO/IEC 12207 (Software Life Cycle Processes)

***Recommendation: Approve new PAR until December 2013***

*IEEE Industry Applications Society/Petroleum & Chemical Industry*

**P1580.1**

Recommended Practice for Insulated Bus Pipe for Use on Shipboard and Fixed or Floating Platforms

***Recommendation: Approve new PAR until December 2013***

**P1810**

Guide for the Selection and Installation of Fire-Rated, Circuit Integrity Cables for Safety, Critical, and Emergency Shutdown Systems in Petroleum and Chemical Industries

***Recommendation: Approve new PAR until December 2013***

*IEEE Power & Energy Society/Power System Communications*

**P487a**

Recommended Practice for the Protection of Wire-Line Communication Facilities Serving Electric Supply Locations Amendment 1 - Requirements and Conditions for Placing the Wire-Line-Fiber Cable Junction (CFJ) Inside the Zone of Influence

***Recommendation: Approve new PAR until December 2013***

*IEEE Power & Energy Society/Transmission and Distribution*

**P519.1**

Guide for Applying Harmonic Limits on Power Systems

***Recommendation: Conditionally approve new PAR until December 2013 contingent upon Working Group Chair information being added to the PAR form***

**P1806**

Guide for Placement of Overhead and Underground Switching and Overcurrent Protection Equipment

***Recommendation: Approve new PAR until December 2013***

PARs for the Revision of Standards

*IEEE Computer Society/Design Automation*

**P1076.1.1**

Standard for VHDL Analog and Mixed-Signal Extensions---Packages for Multiple Energy Domain Support

***Recommendation: Approve PAR for the revision of a standard until December 2013***

*IEEE Power & Energy Society/Power System Relaying*

**PC57.13.3**

Guide for Grounding of Instrument Transformer Secondary Circuits and Cases

***Recommendation: Approve PAR for the revision of a standard until December 2013***

*IEEE Power & Energy Society/Surge Protective Devices/High Voltage*

**PC62.92.1**

Guide for the Application of Neutral Grounding in Electrical Utility Systems, Part 1 - Introduction

***Recommendation: Approve PAR for the revision of a standard until December 2013***

*IEEE Power & Energy Society/Substations*

**P1125**

Guide for Moisture Measurement and Control in SF6 Gas-Insulated Equipment

***Recommendation: Approve PAR for the revision of a standard until December 2013***

**P1416**

Recommended Practice for the Interface of New Gas-Insulated Equipment in Existing Gas-Insulated Substations Rated Above 52kV

***Recommendation: Approve PAR for the revision of a standard until December 2013***

**P1646**

Standard Communication Delivery Time Performance Requirements for Electric Power Substation Automation

***Recommendation: Approve PAR for the revision of a standard until December 2013***

*IEEE Power & Energy Society/Switchgear*

**PC37.48.1**

Guide for the Application, Operation, and Coordination of High-Voltage (>1000 V) Current-Limiting Fuses

***Recommendation: Approve PAR for the revision of a standard until December 2013***