

## IEEE SA Standards Board Standards Review Committee (RevCom) Recommendations

[SASB approval date: 29-Jun-2023]  
[All votes unanimous unless noted otherwise.]

### New

#### IEEE Computer Society/LAN/MAN Standards Committee

##### **P802.3cy/Draft 3.2**

IEEE Draft Standard for Ethernet - Amendment 8: Physical Layer Specifications and Management Parameters 25 Gb/s Electrical Automotive Ethernet

**Recommendation:** APPROVE

#### IEEE Computer Society/Standards Activities Board

##### **P3079.3/Draft 3**

IEEE Draft Standard for a Framework for Evaluating the Quality of Digital Humans

**Recommendation:** APPROVE

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

##### **P1017.4/Draft 3**

IEEE Draft Recommended Practice for Testing and Rating of Electrical Submersible Pump Motors

**Recommendation:** Conditionally approve with the condition being receipt of the copyright permission letter.

#### IEEE Instrumentation and Measurement Society/TC45 - Radiation and Nuclear Instrumentation and Systems

##### **PN42.63/Draft 6**

IEEE Draft Standard for Unmanned Aerial System-Radiation Detection (UAS-RD)

**Recommendation:** APPROVE

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

##### **P2412/Draft 4**

IEEE Draft Standard Test for Determining Circuit Integrity Performance of Fire Resistive Cable Systems in Passenger Rail and Road Tunnels

**Recommendation:** APPROVE

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

##### **PC37.238a/Draft 3.4**

IEEE Draft Standard Profile for Use of IEEE 1588 Precision Time Protocol in Power System Applications Amendment 1: Adding a Type-Length-Value (TLV) to indicate the latest International Earth Rotation Service (IERS)-specified Universal Time Coordinated (UTC) Leap Second Event

**Recommendation:** APPROVE

#### IEEE Power and Energy Society/Switchgear

##### **PC37.30.6/Draft 5**

IEEE Draft Guide for Electric Motor Operators Applied to High-Voltage Air Switches Rated Above 1000 V

**Recommendation:** APPROVE

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

##### **P2939/Draft 3**

IEEE Draft Guide for the Joint Use of Electric Power Transmission & Distribution (T&D) Facilities and Equipment

**Recommendation:** APPROVE

#### IEEE SA Board of Governors/Distributed Generation, Energy Storage and Interoperability Standards Committee

##### **P2030.4/Draft 5.4**

IEEE Draft Guide for Control and Automation Installations Applied to the Electric Power Infrastructure

**Recommendation:** APPROVE [7=yes, 1=no (Liu), 3=abstain (Kimiager, Siira, Weber)]

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

##### **P1616.1/Draft 8**

IEEE Draft Standard for Data Storage System for Automated Driving

**Recommendation:** APPROVE

### Revision

#### IEEE Computer Society/Design Automation

##### **P1735/Draft 2**

IEEE Draft Recommended Practice for Encryption and Management of Electronic Design Intellectual Property (IP)

**Recommendation:** APPROVE

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

**P1812/Draft 6**

IEEE Draft Guide for Testing Permanent Magnet Machines

**Recommendation:** APPROVE

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

**P1020/Draft 3.3**

IEEE Draft Guide for Control of Small (100 kVA to 5 MVA) Hydroelectric Power Plants

**Recommendation:** APPROVE

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

**P400/Draft 6**

IEEE Draft Guide for Field Testing and Evaluation of the Insulation of Shielded Power Cable Systems Rated 5 kV and Above

**Recommendation:** APPROVE

**P634/Draft 1**

IEEE Draft Standard for Cable-Penetration Fire Stop Qualification Test

**Recommendation:** APPROVE

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

**P420/Draft 3**

IEEE Draft Standard for the Design and Qualification of Class 1E Control Boards, Panels, and Racks Used in Nuclear Power Generating Stations

**Recommendation:** APPROVE

**P1682/Draft 5**

IEEE Draft Standard for Qualifying Fiber Optic Cables, Connections, and Optical Fiber Splices for Use in Safety Systems in Nuclear Power Generating Stations

**Recommendation:** APPROVE

**IEEE Power and Energy Society/Power System Relaying and Control**

**PC37.90.3/Draft 6**

IEEE Draft Standard Electrostatic Discharge Tests for Protective Relays

**Recommendation:** APPROVE

**IEEE Power and Energy Society/Switchgear**

**PC37.20.3/Draft 7.0**

IEEE Draft Standard for Metal-Enclosed Interrupter Switchgear Rated Above 1 kV ac up to and Including 48.3 kV ac

**Recommendation:** APPROVE

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

**P738/Draft 10**

IEEE Draft Standard for Calculating the Current-Temperature Relationship of Bare Overhead Conductors

**Recommendation:** APPROVE