

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

[SASB approval date: 06-Dec-2023]

[All votes unanimous unless noted otherwise.]

### New

#### IEEE Computer Society/Artificial Intelligence Standards Committee

##### P2986/Draft 1.1

IEEE Draft Recommended Practice for Privacy and Security for Federated Machine Learning

**Recommendation:** APPROVE

##### P3156/Draft 2.1

IEEE Draft Standard for Requirements of Privacy-preserving Computation Integrated Platforms

**Recommendation:** Approve

#### IEEE Computer Society/Blockchain and Distributed Ledgers

##### P3224/Draft 5.0

IEEE Draft Standard for Blockchain-based Green Power Identification Application

**Recommendation:** APPROVE

#### IEEE Computer Society/Standards Activities Board

##### P2888.4/Draft 3

IEEE Draft Standard on Architecture for Virtual Reality Disaster Response Training System with Six degrees of Freedom (6 DoF)

**Recommendation:** APPROVE

#### IEEE Electromagnetic Compatibility Society/Standards Development Committee

##### P2718/Draft 10

IEEE Draft Guide for Near Field Characterization of Unintentional Stochastic Radiators

**Recommendation:** APPROVE

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

##### P61886.2/Draft 4

IEC/IEEE International Draft Standard - Subsea Equipment - Part 2: Power Transformers

**Recommendation:** Conditionally approved based on SASB approval of the Modified PAR [yes=12, 0=no, 1=abstain (Winston)]

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

##### P1588d/Draft 1.4

IEEE Draft Standard for a Precision Clock Synchronization Protocol for Networked Measurement and Control Systems Amendment: GDOI (Group Domain of Interpretation) Key Management

**Recommendation:** APPROVE

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

##### P2465/Draft 16

IEEE Draft Trial-Use Recommended Practice for Pulse-Type Partial Discharge Measurements on Individual Stator Coils and Bars

**Recommendation:** APPROVE

#### IEEE Power and Energy Society/Switchgear

##### PC37.68/Draft 3.6

IEEE Draft Standard for Design, Test, and Application Requirements for Microprocessor-Based Controls of Distribution Pad-mount, Dry Vault, Wet Vault, and Polemount Switchgear Rated Above 1 kV and Up to and Including 38 kV

**Recommendation:** APPROVE

#### IEEE Power and Energy Society/Transformers

##### PC57.105-2019/Cor 1/Draft 5

IEEE Draft Guide for Application of Transformer Connections in Three-Phase Electrical Systems - Corrigendum 1: Update Table 1--Application characteristics of connections

**Recommendation:** APPROVE

##### PC57.160/Draft 7.6

IEEE Draft Guide for the Electrical Measurement of Partial Discharge in High Voltage Bushings and Instrument Transformers

**Recommendation:** APPROVE

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

#### **P2748/Draft 5.4**

IEEE Draft Recommended Practice for Fault Diagnosis and Protection in Smart Distribution System

**Recommendation:** APPROVE

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

#### **P2030.10.1/Draft 6**

IEEE Draft Standard for Electricity Access Requirements with Safety Extra Low Voltage (SELV) DC for Tier 2 and Tier 3 of the ESMAP Multi-tier Framework for Household Electricity Supply

**Recommendation:** APPROVE [10=yes, 0=no, 2=abstain (Addy, Winston)]

### **IEEE SA Board of Governors/SCC20 - Test and Diagnosis for Electronic Systems**

#### **P1671.1-2017/Cor 1/Draft 5**

IEEE Draft Standard for Automatic Test Markup Language (ATML) Test Descriptions - Corrigendum 1

**Recommendation:** APPROVE

## **Revision**

### **IEEE Communications Society/Power Line Communications**

#### **P2030.5/Draft 4**

IEEE Draft Standard for Smart Energy Profile Application Protocol

**Recommendation:** APPROVE

### **IEEE Computer Society/Design Automation**

#### **P1800/Draft 18**

IEEE Draft Standard for SystemVerilog--Unified Hardware Design, Specification, and Verification Language

**Recommendation:** APPROVE

### **IEEE Computer Society/Test Technology**

#### **P1450/Draft 2**

IEEE Draft Standard Test Interface Language (STIL) for Digital Test Vector Data

**Recommendation:** APPROVE

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

#### **P11073-10419/Draft 15**

IEEE Draft Standard for Health Informatics - Device interoperability - Part 10419: Personal Health Device Communication --Device Specialization - Insulin Pump

**Recommendation:** APPROVE

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

#### **P1662/Draft 8.2**

IEEE Draft Recommended Practice for the Design and Application of Power Electronics in Electrical Power Systems

**Recommendation:** APPROVE [9=yes, 0=no, 3=abstain (Addy, Rosdahl, Winston)]

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

#### **P1692/Draft 7**

IEEE Draft Guide for the Protection of Communication Installations from Lightning Effects

**Recommendation:** APPROVE

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

#### **PC37.102/Draft 7.8**

IEEE Draft Guide for AC Generator Protection

**Recommendation:** APPROVE

#### **PC37.109/Draft 3.6**

IEEE Draft Guide for the Protection of Shunt Reactors

**Recommendation:** APPROVE

### **IEEE Power and Energy Society/Substations**

#### **P605/Draft 11**

IEEE Draft Guide for Bus Design in Air Insulated Substations

**Recommendation:** APPROVE

#### **P1127/Draft 4.2**

IEEE Draft Guide for the Design, Construction, and Operation of Electric Power Substations for Community Acceptance and Environmental Compatibility

**Recommendation:** APPROVE

#### **PC37.123/Draft 3**

IEEE Draft Guide for Specifications for High-Voltage Gas-Insulated Substations Rated Above 52 kV

**Recommendation:** APPROVE

### **IEEE Power and Energy Society/Transformers**

#### **PC57.12.28/Draft 7.3**

IEEE Draft Standard for Pad-Mounted Equipment--Enclosure Integrity

**Recommendation:** APPROVE

**PC57.12.29/Draft 7.3**

IEEE Draft Standard for Pad-Mounted Equipment--Enclosure Integrity for Coastal Environments

**Recommendation:** APPROVE

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

**PC135.80/Draft 2**

IEEE Draft Standard for Fasteners for Overhead Line Construction

**Recommendation:** APPROVE