

**IEEE SA STANDARDS BOARD (SASB)  
Meeting Minutes  
19 June 2025  
Vienna, Austria and Webex/Teleconference  
9:00 a.m. – 5:00 p.m. CEST (UTC+2)**

**Attendees**

**Chair:**

Lei Wang

**Vice Chair:**

Jon Rosdahl

**Past Chair:**

David Law

**Members:**

Edward Au

Ted Burse

Xiaofeng Chen

Doug Edwards

Travis Griffith

Deborah Hagar

Guido Hiertz

Tyler Jaynes

Xiaohui Liu

Kevin Lu

Hiroshi Mano

Annette Reilly

Robby Robson

Dan Sabin

Sha Wei

**Members Absent:**

Alpesh Shah, Secretary

Nehad El-Sherif

Ron Hotchkiss

Thomas Koshy  
Howard Li  
Daleep Mohla  
Keith Waters  
Luyang Zhang

**IEEE Staff:**

Christy Bahn  
Adrien Bastos  
Teresa Belmont  
Ahsaki Benion  
Larry Bolsch  
Hermann Brand  
Matthew Ceglia  
Sri Chandrasekaran  
Chinmae Deshmukh  
Karen Evangelista  
Jon Gaughran  
Jonathan Goldberg  
Dalisa Gonzalez  
Lloyd Green  
Jodi Haasz  
Yvette Ho Sang  
Patrycja Jarosz  
Michael Kipness  
Vanessa Lalitte  
Jiajia Liu  
Sandra Maru  
Suzanne Merten  
Erin Morales  
Dave Ringle, Recording Secretary  
Heather Robinson  
Malia Zaman  
Meng Zhao

**IEEE Outside Legal Counsel:**

Claire Topp – Dorsey & Whitney LLP

**Guests:**

Wang Di  
James Gilb  
Latonia Gordon

Gary Hoffman  
Yousef Kimiagar  
Joseph Levy  
Yanmei Li  
Johnny Lin  
Haiying Lu  
Yuki Nagai  
N. Kishor Narang  
Paul Nikolich  
Glenn Parsons  
Chaoyu Shi  
Donnie Swing  
Mehmet Ulema  
Constance Weise

[NOTE: Some presentations are available to SASB Members in the IEEE SA [Standards Board document repository](#), in the Files & Discussions area, in the June 2025 folder.]

## **1 Call to Order**

SASB Chair Lei Wang called the meeting to order at 9:00 a.m. CEST (UTC+2).

Chair Wang welcomed everyone to the meeting.

## **2 Introductions**

There was a round of introductions by all present.

The meeting was quorate.

Chair Wang noted the new GEPS representatives since the last SASB meeting.

## **3 Agenda**

3.1 Approval of [Agenda](#)

**There was a motion to approve the agenda. In the absence of objection, the motion was approved.**

3.2 Consent Agenda

3.2.1 Approval of 27 March 2025 SASB Meeting [Minutes](#)

### 3.2.2 AudCom Recommendations

#### Standards Committee P&Ps

##### Accepted (*standards work authorized*):

- C/AISC IEEE Computer Society/Artificial Intelligence Standards Committee [Recuse: Jaynes]
- C/LT IEEE Computer Society/Learning Technology
- CTS/DFESC IEEE Consumer Technology Society/Digital Finance and Economy Standards Committee
- CRFID/SC IEEE Council of RFID/Standards Committee
- PE/EM IEEE Power and Energy Society/Electric Machinery
- PE/SETCom IEEE Power and Energy Society/Strategic and Emerging Technologies Committee [Recuse: Sabin]
- TEC/TECSC IEEE Transportation Electrification Council/Transportation Electrification Council Standards Committee

##### Conditionally Accepted (*standards work authorized*):

- C/FSSC IEEE Computer Society/Functional Safety Standards Committee
- PE/IC IEEE Power and Energy Society/Insulated Conductors

##### New Standards Committee Recognition with Accepted P&Ps:

**Motion:** Recommend that the SASB recognize the IEEE Power and Energy Society/Strategic and Emerging Technologies Committee (PE/SETCom) as an official Standards Committee, in accordance with IEEE SASB Bylaws 5.2.2. [Recuse: Sabin]

**Motion:** Recommend that the SASB recognize the IEEE Transportation Electrification Council/Transportation Electrification Council Standards Committee (TEC/TECSC) as an official Standards Committee, in accordance with IEEE SASB Bylaws 5.2.2.

### 3.2.3 NesCom Recommendations

Withdrawal Requests:

**IEEE Computer Society/Microprocessor Standards Committee**

**P3120**

Standard for Quantum Computing Architecture

**Recommendation:** Approve PAR withdrawal.

**IEEE Power and Energy Society/Switchgear**

**P62271-37-082**

High-Voltage Switchgear and Controlgear – Part 37-082: Standard Practice for the Measurement of Sound Pressure Levels on Alternating Current Circuit-Breakers

**Recommendation:** Approve PAR withdrawal.

Modified PARs:

**IEEE Computer Society/Knowledge Engineering Standards Committee**

**P2807.6**

Guide for Architectural Framework and Application of Educational Knowledge Graphs

**Recommendation:** Approve modified PAR.

**IEEE Computer Society/Learning Technology**

**P2247.2**

Interoperability Standards for Adaptive Instructional Systems (AISs)

**Recommendation:** Approve modified PAR.

**IEEE Industry Applications Society/Industrial & Commercial Power Systems Standards Development Committee**

**P3005.7**

Recommended Practice for Application of Electrical Metering for Energy Management of Industrial and Commercial Power Systems

**Recommendation:** Approve modified PAR.

**IEEE Instrumentation and Measurement Society/TC45 – Radiation and Nuclear Instrumentation and Systems**

**PN42.37**

Standard for Preventive Radiological/Nuclear Detection Mission Training

**Recommendation:** Approve modified PAR.

### IEEE Power and Energy Society/Nuclear Power Engineering Committee

#### P62671

Nuclear Power Plants – Instrumentation and Control Important to Safety –  
Selection and Use of Industrial Digital Devices of Limited Functionality

**Recommendation:** Approve modified PAR.

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

#### P3413

Guide for Acceptance of Double Horizontal Jibs Gin Pole on Ground for  
Transmission Tower Erection

**Recommendation:** Approve modified PAR. [Recuse: Sabin]

### IEEE SA Board of Governors/International Committee on Electromagnetic Safety

#### P62704-1

IEC/IEEE International Standard for Determining the Peak Spatial-Average Specific  
Absorption Rate (SAR) in the Human Body from Wireless Communications Devices,  
100 kHz to 10 GHz Part 1 – General Requirements for Using the Finite Difference  
Time Domain (FDTD) Method for SAR Calculations

**Recommendation:** Approve modified PAR.

#### P62704-4

IEC/IEEE International Standard for Determining the Peak Spatial-Average Specific  
Absorption Rate (SAR) in the Human Body from Wireless Communication Devices,  
100 kHz to 10 GHz Part 4 – General Requirements for Using the Finite-Element  
Method (FEM) for SAR Calculations

**Recommendation:** Approve modified PAR.

Extension Requests:

### IEEE Computer Society/Knowledge Engineering Standards Committee

#### P2807.6

Guide for K-12 Educational Knowledge Graphs

**Recommendation:** Approve request for an extension until 31 December 2027.

## IEEE Computer Society/Learning Technology

### P2247.2

Interoperability Standards for Adaptive Instructional Systems (AISs)

**Recommendation:** Approve request for an extension until 31 December 2027.

## IEEE Computer Society/Microprocessor Standards Committee

### P3109

Standard for Arithmetic Formats for Machine Learning

**Recommendation:** Approve request for an extension until 31 December 2027.

## IEEE Geoscience and Remote Sensing Society/Standards Committee

### P4006

Standard for Remote Sensing Frequency Band Radio Frequency Interference (RFI) Impact Assessment

**Recommendation:** Approve request for an extension until 31 December 2027.

## IEEE Industry Applications Society/Industrial & Commercial Power Systems Standards Development Committee

### P3003.4

Recommended Practice for Connections to Earth for Alternating Current (AC) Industrial and Commercial Power Systems Facilities

**Recommendation:** Approve request for an extension until 31 December 2026.

### P3004.9

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

**Recommendation:** Approve request for an extension until 31 December 2027.

## IEEE Power Electronics Society/Standards Committee

### P2996

Recommended Practice for Near Magnetic Field and Electric Field Characterization of Inductors

**Recommendation:** Approve request for an extension until 31 December 2027.

### P61007-389

Standard for Transformers and Inductors for Use in Electronic and Telecommunication Equipment – Measuring Methods and Test Procedures

**Recommendation:** Approve request for an extension until 31 December 2027.

**IEEE Reliability Society/IEEE Reliability Society Standards Committee**

**P1413.1**

Guide for Selecting and Using Reliability Predictions based on IEEE 1413

**Recommendation:** Approve request for an extension until 31 December 2027.

**IEEE SA Board of Governors/Entity Collaborative Activities Governance Board**

**P2413.2**

Standard for a Reference Architecture for Power Distribution Internet of Things (PDIoT)

**Recommendation:** Approve request for an extension until 31 December 2026.  
[Recuse: Sabin]

New:

**IEEE Circuits and Systems Society/Flexible and Wearable Circuits and Systems Standards Committee**

**P3598**

Standard for Interface Circuits for Wearable and Implantable Electrophysiological Signals (ExG)

**Recommendation:** Approve new PAR until December 2029.

**IEEE Circuits and Systems Society/Hardware Security Standards Committee**

**P3718**

Standard for Hardware Security: Attack Landscape and Protection Requirements

**Recommendation:** Approve new PAR until December 2029.

**IEEE Communications Society/Unmanned Aerial Vehicles Communications Standards Committee**

**P1936.19**

Recommended Practice for Image Encoding and Decoding in Unmanned Aerial Vehicle Inspection of Overhead Transmission Lines

**Recommendation:** Approve new PAR until December 2029.



**P1936.20**

Standard for Identification of Electrical Fault Risk in Power Lines Using Unmanned Aircraft System (UAS) Light Detection and Ranging (LiDAR)

**Recommendation:** Approve new PAR until December 2029.

**P1958.5**

Standard for Technical Requirements and Testing Methods for Hydrogen Cylinder Valves of Unmanned Aircraft Systems in Low-Temperature (-50C to -10C) Environments

**Recommendation:** Approve new PAR until December 2029.

**IEEE Computational Intelligence Society/Standards Committee**

**P3702**

Guide for Evaluation Metrics and Methods for Large Language Models of Electric Power Sector

**Recommendation:** Approve new PAR until December 2029.

**P3706**

Guide for Brain-Inspired Computing and Intelligent Systems Applications in the Electric Power Grid

**Recommendation:** Approve new PAR until December 2029.

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

**P3410.1**

Standard for Constructing Large Scale Financial Risk Management Models

**Recommendation:** Approve new PAR until December 2029. [Recuse: Jaynes]

**P3551**

Standard for Framework for Electric Power On-Device Large Language Model Evaluation

**Recommendation:** Approve new PAR until December 2029. [Recuse: Jaynes]

**P3591**

Standard for Fair Decision Making through Causal Analysis

**Recommendation:** Approve new PAR until December 2029. [Recuse: Jaynes]

**P3711**

Standard for Performance Benchmarking for Artificial Intelligence (AI) in Video Database Management Systems (DMS)

**Recommendation:** Approve new PAR until December 2029. [Recuse: Jaynes]

## IEEE Computer Society/Blockchain and Distributed Ledgers

### P3234.01

Standard for Blockchain-Based Trusted Evolutionary Scheduling Model for Emergency Supplies

**Recommendation:** Approve new PAR until December 2029.

### P3240.08

Standard for Technical Requirements of Blockchain-Based Carbon Footprint Management in Coal-Fired Power Generation

**Recommendation:** Approve new PAR until December 2029.

### P3240.09

Standard for Technical Specification for Collaborative Control of Microgrid Based on Blockchain

**Recommendation:** Approve new PAR until December 2029. [Recuse: Sabin]

### P3240.10

Standard for Technical Requirements for Blockchain-Based Lifecycle Traceability Systems of Green Electricity

**Recommendation:** Approve new PAR until December 2029.

### P3273.01

Standard for Technical Requirements for Blockchain-Based Structured Financial Product Clearing and Settlement System

**Recommendation:** Approve new PAR until December 2029.

### P3274.01

Standard for Blockchain Based Technical Specification for Real-World Assets Registry System

**Recommendation:** Approve new PAR until December 2029.

## IEEE Computer Society/Learning Technology

### P1484.20.3a

IEEE Standard for Learning Technology – Data Model for Shareable Competency Definitions Amendment: Open Source

**Recommendation:** Approve new PAR until December 2029.

## IEEE Computer Society/Standards Activities Board Standards Committee

**P3713**

Standard for Technical Specifications for Server Cold Plates

**Recommendation:** Approve new PAR until December 2029. [Recuse: Au]

**IEEE Consumer Technology Society/Digital Finance and Economy Standards Committee**

**P3836**

Standard for Requirements for the Framework of Data Management and Services in Energy Digitalization Systems

**Recommendation:** Approve new PAR until December 2029.

**P3837**

Standard for Reference Framework for Economical and Comprehensive Training of Embodied Intelligence

**Recommendation:** Approve new PAR until December 2029.

**P3838**

Standard for Unmanned Aerial Vehicles (UAV) Identification and Record Management System in Low-Altitude Economy

**Recommendation:** Approve new PAR until December 2029.

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

**P3716**

Standard for the Quality Assessment of Human and Object Tracking Technologies Used in Field- or Court-based Sports

**Recommendation:** Approve new PAR until December 2029.

**IEEE Industry Applications Society/Industrial & Commercial Power Systems Standards Development Committee**

**P3705**

Recommended Practice for the Selection of Power Converters for a Distribution Grid in Photovoltaic-Energy Storage-DC-Flexibility Integrated Buildings

**Recommendation:** Approve new PAR until December 2029.

**P3710**

Guide for Design of Modular Data Centers

**Recommendation:** Approve new PAR until December 2029.

**IEEE Instrumentation and Measurement Society/TC9 – Sensor Technology**

**P1588k**

IEEE Standard for a Precision Clock Synchronization Protocol for Networked Measurement and Control Systems – Amendment: Security Enhancements

**Recommendation:** Approve new PAR until December 2029.

**IEEE Intelligent Transportation Systems Society/Standards Committee**

**P3719**

Standard for Mobile Drone Docking Stations

**Recommendation:** Approve new PAR until December 2029.

**IEEE Magnetism Society/Magnetism Society Standards Committee**

**P3599**

Standard for the Methods and Procedures for Characterizing Planar-Hall Magnetic Field Sensors

**Recommendation:** Approve new PAR until December 2029.

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

**P97**

Guide for Advanced Diagnostic Techniques for Insulation Testing of Alternating Current (AC) Electric Machinery Using Direct Current (DC) Voltage

**Recommendation:** Approve new PAR until December 2029.

**IEEE Power and Energy Society/Energy Storage & Stationary Battery Committee**

**P4333**

Standard for General Requirement of Anode-Free Lithium Metal Battery and Battery Pack

**Recommendation:** Approve new PAR until December 2029.

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

**P837-2024/Cor 1**

IEEE Standard for Qualifying Permanent Connections Used in Substation Grounding – Corrigendum 1 Figure D.1 Modification

**Recommendation:** Approve new PAR until December 2029.

**IEEE Power and Energy Society/Transformers**

**P3476.5**

Standard for Supply Chain and Asset Traceability for Energy – Energy Transformation Devices

**Recommendation:** Approve new PAR until December 2029. [Recuse: Sabin]

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

**P3476.1**

Standard for Unique IDs and Smart Tags for Supply Chain and Asset Traceability for the Electric Grid – Structures and Support

**Recommendation:** Approve new PAR until December 2029. [Recuse: Sabin]

**P3476.7**

Standard for Unique IDs and Smart Tags for Supply Chain and Asset Traceability for the Electric Grid – Surge Protection Devices

**Recommendation:** Approve new PAR until December 2029. [Recuse: Sabin]

**IEEE SA Board of Governors/Entity Collaborative Activities Governance Board**

**P2413.2.1**

Standard for Testing Products, Systems, and Implementations based on IEEE 2413.2

**Recommendation:** Approve new PAR until December 2029. [Recuse: Sabin]

**P3717**

Guide for Wide-Bandwidth Measuring System for High Voltage Transmission Systems Rated 100 kV and above

**Recommendation:** Approve new PAR until December 2029. [Recuse: Sabin]

**IEEE Sensors Council/Standards Committee**

**P2520.2.2**

Standard for Landfill Odor Monitoring Devices and Systems

**Recommendation:** Approve new PAR until December 2029.

PARs for the Revision of Standards:

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

**P2621.1**

Standard for Connected Medical Device Security Assurance Evaluation – Connected Electronic Product Security Evaluation Programs

**Recommendation:** Approve PAR for the revision of a standard until December 2029.

#### **P2621.2**

Standard for Connected Medical Device Security – Information Security Requirements for Connected Medical Devices

**Recommendation:** Approve PAR for the revision of a standard until December 2029.

#### **IEEE Power and Energy Society/Nuclear Power Engineering Committee P650**

Standard for Qualification of Class 1E Static Battery Chargers, Inverters, and Uninterruptible Power Supply Systems for Nuclear Facilities

**Recommendation:** Approve PAR for the revision of a standard until December 2029.

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

##### **P1267**

Guide for Development of Specifications for Turnkey Substation Projects

**Recommendation:** Approve PAR for the revision of a standard until December 2029.

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

##### **PC57.120**

Guide for Loss Evaluation of Distribution and Power Transformers and Reactors

**Recommendation:** Approve PAR for the revision of a standard until December 2029.

#### **IEEE Vehicular Technology Society/Communications Based Train Control and Signals**

##### **P1570**

Standards for the Interface Between Rail and Highway Subsystems at Highway-Rail Intersections

**Recommendation:** Approve PAR for the revision of a standard until December 2029.

New:

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

#### **P1901.3/Draft 1**

IEEE Draft Standard for Medium Frequency (less than 12 MHz) Power Line Communications (PLC) with a Hybrid PLC/Radio Frequency Physical Layer (PHY)

**Recommendation:** APPROVE

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

#### **P3220.01/Draft 4**

IEEE Draft Standard for Consensus Framework for Blockchain Systems

**Recommendation:** APPROVE

### **IEEE Computer Society/Data Compression Standards Committee**

#### **P3161.2/Draft 3**

IEEE Draft Standard for End Subsystem of Digital Retina Systems

**Recommendation:** APPROVE

### **IEEE Computer Society/Learning Technology**

#### **P2955/Draft 2**

IEEE Draft Recommended Practice for Creating Self Learning Tutorials and Side by Side Learning

**Recommendation:** APPROVE

### **IEEE Geoscience and Remote Sensing Society/Standards Committee**

#### **P4001/Draft 3**

IEEE Draft Standard for Characterization and Calibration of Ultraviolet through Shortwave Infrared (250 nm to 2500 nm) Hyperspectral Imaging Devices

**Recommendation:** APPROVE

### **IEEE Industrial Electronics Society/Industrial Electronics Society Standards Committee**

#### **P1451.1.6/Draft 4**

IEEE Draft Standard for a Smart Transducer Interface for Sensors, Actuators, and Devices – Message Queue Telemetry Transport (MQTT) for Networked Device Communication

**Recommendation:** APPROVE

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

#### **P61886.2-2023/Cor 1/Draft 1**

IEEE/IEC Draft International Standard – Subsea Equipment – Part 2: Power Transformers – Corrigendum 1

**Recommendation:** APPROVE

### **IEEE Instrumentation and Measurement Society/TC45 – Radiation and Nuclear Instrumentation and Systems**

#### **PN42.61/Draft 2**

IEEE Draft Standard for Data Format for Real-Time Streaming from Radiation Detection Instruments

**Recommendation:** APPROVE

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

#### **P1186/Draft 1.9**

IEEE Draft Recommended Practice for Applicability of Methods for the Evaluation of Low-Voltage and Medium-Voltage Installed Cable Systems in Nuclear Facilities

**Recommendation:** APPROVE

#### **P2789/Draft 2.3**

IEEE Draft Guide for the Selection and Application of Cables Used in Enclosed Transit Infrastructure

**Recommendation:** APPROVE

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

#### **P1222-2019/Cor 1/Draft 2**

IEEE Draft Standard for Testing and Performance for All-Dielectric Self-Supporting (ADSS) Fiber Optic Cable for Use on Electric Utility Power Lines – Corrigendum 1 to IEEE Standard 1222-2019

**Recommendation:** APPROVE

#### **P1591.4/Draft 5**



IEEE Draft Standard for Testing and Performance of Hardware for Optical Fiber Composite Overhead Phase Conductor (OPPC)

**Recommendation:** APPROVE

**IEEE Power and Energy Society/Smart Buildings, Loads and Customer Systems**

**P2418.5/Draft 2.1**

IEEE Draft Guide for Blockchain in Power and Energy Systems

**Recommendation:** APPROVE

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

**P2984/Draft 5.3**

IEEE Draft Guide for Application of Direct Current (DC) Network Topology Protection in DC Distribution Grids

**Recommendation:** Conditional approval based on an email being sent to all the balloters including the updated comment resolution for comment R2-1. [Recuse: Sabin]

**IEEE SA Board of Governors/Entity Collaborative Activities Governance Board**

**P3169/Draft 2**

IEEE Draft Standard for Security Requirement of Privacy-Preserving Computation

**Recommendation:** APPROVE [Recuse: Sabin]

**IEEE SA Board of Governors/Strategic and Emerging Standards Committee**

**P3400/Draft 6**

IEEE Draft Standard for Use of Inclusive Language in Technical Terminology and Communications

**Recommendation:** APPROVE [Recuse: Robson]

Revision:

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

**P1810/Draft 2.5**

IEEE Draft Guide for the Installation of Circuit-Integrity Cables Evaluated for Hydrocarbon Pool Fires in Petroleum and Chemical Facilities

**Recommendation:** APPROVE

**IEEE Power and Energy Society/Analytic Methods for Power Systems**

**P1729/Draft 7.5**

IEEE Draft Recommended Practice for Electric Power Distribution System Analysis

**Recommendation:** APPROVE

**IEEE Power and Energy Society/Energy Storage & Stationary Battery Committee**

**P1115/Draft 8.3**

IEEE Draft Recommended Practice for Sizing Nickel-Cadmium Batteries for Stationary Applications

**Recommendation:** APPROVE

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

**P317/Draft 002**

IEEE Draft Standard for Electric Penetration Assemblies in Containment Structures for Nuclear Power Generating Stations

**Recommendation:** APPROVE

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

**P81/Draft 4**

IEEE Draft Guide for Measuring Earth Resistivity, Ground Impedance, and Earth Surface Potentials of a Grounding System

**Recommendation:** APPROVE

**IEEE Power and Energy Society/Switchgear**

**PC37.017/Draft 5**

IEEE Draft Standard for Bushings for High-Voltage (over 1000 Vac) Circuit Breakers and Gas-Insulated Switchgear

**Recommendation:** APPROVE

**IEEE Power and Energy Society/Transformers**

**P65700-19-03/Draft 3**

IEEE/IEC Draft Standard – Bushings for DC Application

**Recommendation:** APPROVE

## **4 SASB Standing Committee Reports**

### **4.1 Audit Committee ([AudCom](#))**

Doug Edwards, AudCom Chair, reported.

### **4.2 New Standards Committee ([NesCom](#))**

Ted Burse, NesCom Chair, reported.

### **4.3 Patent Committee ([PatCom](#))**

David Law, PatCom Chair, reported.

### **4.4 Procedures Committee ([ProCom](#))**

Robby Robson, ProCom Chair, reported.

**There was a motion from ProCom to approve the *IEEE SA Standards Board Operations Manual* changes noted below.**

#### **IEEE SA Standards Board Operations Manual**

##### **5.4.3.2 Voting in the ballot**

The ballot shall provide the following vote choices to Standards Association balloting group members:

a) *Approve (Affirmative)*. This vote may be accompanied by comments suggesting corrections and improvements. All comments shall be considered; making a change to the proposed standard as a result of the comments is left to the discretion of the comment resolution group.

b) *Do Not Approve (Negative with comment)*. This vote ~~must~~ **should** be accompanied by one or more specific objections with proposed resolution in sufficient detail so that the specific wording of the changes that will cause the *Do Not Approve* voter to change his or her vote to *Approve* can readily be determined. The submission of comments associated with *Do Not Approve* votes is required in the SA ballot tools in order for the *Do Not Approve* vote to count against the SA ballot approval rate.

Balloters who vote *Do Not Approve* shall be permitted to differentiate those comments that caused their *Do Not Approve* vote from other comments that they may wish to submit. Any comments that are explicitly identified not to be part of the

*Do Not Approve* vote shall be treated as comments associated with an *Approve* (*Affirmative*) vote.

If no comments are submitted associated with the *Do Not Approve* vote, then the vote shall be counted in the total tally of votes as a *Do Not Approve* (*Negative without comment*).

If i) all comments associated with a *Do Not Approve* vote are deemed by the comment resolution group as out-of-scope and ii) the balloter is notified that the comment(s) are out-of-scope and such notifications are accompanied with specific rationale for such out-of-scope determination, then the vote may be counted in the total tally of votes as a *Do Not Approve* (*Negative without comment*).

During a recirculation ballot, *Do Not Approve* voters may indicate acceptance of the response to any or all comments associated with their *Do Not Approve* vote. Each *Do Not Approve* voter shall be given an opportunity to review comment responses, determine if he or she is satisfied, either entirely or in part, and either to change his or her vote to *Approve*, to *Abstain*, or to retain his or her *Do Not Approve* vote.

c) *Abstain*. This category is provided to allow for ballot returns from Standards Association balloting group members who do not wish to vote *Approve* or *Do Not Approve* because of conflict of interest, lack of expertise, or other reasons.

During a recirculation ballot, Standards Association balloting group members shall have an opportunity to cast votes or change their previously cast votes.

#### **5.4.3.4 Recirculation ballots**

Changes may be made to the proposed standard in response to comments or for other reasons. All substantive changes made since the last ballot of the proposed standard shall be identified and recirculated to the Standards Association balloting group in order to afford balloters the opportunity to respond, reaffirm, or change their vote. All unresolved *Do Not Approve* votes with comments shall be recirculated to the Standards Association balloting group in order to afford balloters the opportunity to respond, reaffirm, or change their vote. The verbatim text of each comment, the name of the *Do Not Approve* voter, and a response by the comment resolution group shall be included in the recirculation ballot package. Responses to comments that are not accepted verbatim shall include sufficient detail for Standards Association balloting group members to understand the rationale for rejection of the comment or revision of the change proposed by the commenter.

Further resolution efforts, including additional recirculation ballots, shall be required if *Do Not Approve* votes with new comments within the scope of the recirculation are submitted.

A recirculation ballot solely for *Do Not Approve* (*Negative without comment*) votes is not required.

**In the absence of objection, the motion was approved.**

4.5 Standards Review Committee ([RevCom](#))

Karen Evangelista, RevCom Administrator, reported in the absence of Keith Waters (RevCom Chair).

**5 Old Business**

None.

**6 Informational Reports**

6.1 CAG [Report](#)

Jon Rosdahl, SASB Liaison to the CAG, reported.

6.2 IEEE SA President's [Report](#)

Gary Hoffman, IEEE SA President, reported.

6.3 [Report](#) from IEEE SA Senior Director, Standards Development & Delivery

Matthew Ceglia, Senior Director – SD&D, reported.

6.4 SASB Chair's [Report](#)

Chair Wang reported.

6.5 IEEE SA [FelCom](#)

Paul Nikolich, FelCom Member, reported.

**7 New Business**

None.

**8 [Next Meeting](#)**

The next SASB meeting will be scheduled for 10 September 2025 and will be virtual-only.

## **9 Executive Session**

The SASB entered Executive Session at 11:38 a.m. CEST (UTC+2)

### **9.1 Legal Update**

Executive Session concluded at 12:24 p.m. CEST (UTC+2).

## **10 SASB Resolutions**

The SASB recognized the IEEE Power and Energy Society/Strategic and Emerging Technologies Committee (PE/SETCom) as an official Standards Committee, in accordance with IEEE SASB Bylaws 5.2.2.

The SASB recognized the IEEE Transportation Electrification Council/Transportation Electrification Council Standards Committee (TEC/TECSC) as an official Standards Committee, in accordance with IEEE SASB Bylaws 5.2.2.

## **11 Adjournment**

There being no further business, the meeting was adjourned at 12:26 p.m. CEST (UTC+2).