IEEE SA Standards Board New Standards Committee (NesCom)
Meeting Minutes
02 December 2022
8:30 a.m. - 2:00 p.m. ET (UTC-5)
Piscataway, NJ, USA and Teleconference/Webex

Members Present:
Xiaofeng (Alfred) Chen
Doug Edwards
Guido Hiertz
Wei Hong
Howard Li
Johnny Lin
Gui Liu
Daleep Mohla
Annette Reilly
Dorothy Stanley, Chair
Mehmet Ulema
Lei Wang
Karl Weber
Sha Wei, Vice Chair
Don Wright
Daidi Zhong

Members Absent:
Ramy A. Fathy, Vice Chair
Yousef Kimiagar

Guests:
Miguel Aranda Gomez
Edward Au
Dennis Brophy
Evelyn Chen
Daisy Chepkwony
John D’Ambrosia
Latonia Gordon
Tyler Jaynes
Alphonse Kanyandekwe
Daniel Kitui
John Kulick
Joseph Levy
Ruth Lewis
Ming Li
Mianchen Liu
Xiaohui Liu
Kevin Lu
Xin Ma
Hiroshi Mano
Kyeong Hee Oh
Monica Okoth
Roy Sugimura
Claire Topp [legal counsel]
Su Wei
Constance Weise
Zhang Wenyuan
Yong Yan
Yu Yuan

IEEE Staff:
Christy Bahn
Kim Breitfelder
Matthew Ceglia
Sri Chandrasekaran
Karen Evangelista
Jonathan Goldberg
Jodi Haasz
Yvette Ho Sang
Ron Hotchkiss
Konstantinos Karachalios
Soo Kim
Michael Kipness
Vanessa Lalitte
Jiajia Liu
Suzanne Merten
Erin Morales
Karen Mulberry
Christian Orlando
Moira Patterson
Shana Pepin
Markus Plessel
Dave Ringle
Pat Roder
Jennifer Santulli
Rosalinda Saravia
Tom Thompson
Lisa Weisser, Administrator
Malia Zaman
Meng Zhao

[Unless otherwise noted, all votes are unanimous]
1 CALL TO ORDER AND INTRODUCTIONS

Chair Stanley welcomed everyone and called the meeting to order at 8:31 a.m. ET (UTC-5). There was a round of introductions by all in attendance.

2 REVIEW AND APPROVAL OF THE AGENDA

The agenda was reviewed, and Chair Stanley asked if there were any changes to be made to the agenda. Daleep Mohla requested a discussion item under new business, and Chair Stanley agreed to this addition to the agenda.

A motion was made to approve the 02 December 2022 NesCom meeting agenda as amended, including the consent agenda. In the absence of objection, the motion was approved.

2.1 Consent Agenda

2.1.1 Withdrawal Requests

**IEEE Consumer Technology Society/Blockchain Standards Committee**

**P2140.3**
Standard for User Identification and Anti-Money Laundering on Cryptocurrency Exchanges  
*Recommendation:* Approve PAR withdrawal

**P2143.2**
Standard for Cryptocurrency Payment Performance Metrics  
*Recommendation:* Approve PAR withdrawal

**P2143.3**
Standard for Risk Control Requirements for Cryptocurrency Payment  
*Recommendation:* Approve PAR withdrawal

**IEEE Power and Energy Society/Surge Protective Devices Committee**

**PC62.22**
Guide for the Application of Metal-Oxide Surge Arresters for Alternating-Current Systems  
*Recommendation:* Approve PAR withdrawal

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

**P519.1**
Guide for Applying Harmonic Limits on Power Systems  
*Recommendation:* Approve PAR withdrawal

2.1.2 Draft PARs for Administrative Withdrawal

Note: The approval of this list of expired PARs to be administratively withdrawn was included in the approval of the agenda and consent agenda. The following PARs have been administratively withdrawn:

**P2247.1** (C/LT)  
Standard for the Classification of Adaptive Instructional Systems  
(New PAR)

**P7919.1** (C/LT)  
Requirements for eReaders to Support Learning Applications  
(New PAR)

**P1934.1** (COM/EdgeCloud-SC)  
Nomenclature and Taxonomy for Distributing Computing, Communications and Networking along the Things-to-Cloud Continuum
(New PAR)

**P3333.2.2** (EMB/Stds Com)
Standard for Three-Dimensional (3D) Medical Visualization
(New PAR)

**P3333.2.3** (EMB/Stds Com)
Standard for Three-Dimensional (3D) Medical Data Management
(New PAR)

**P3333.2.4** (EMB/Stds Com)
Standard for Three-Dimensional (3D) Medical Simulation
(New PAR)

**P3333.2.5.1** (EMB/Stds Com)
Standard for Soft Tissue Modeling for Medical 3D Printing
(New PAR)

**P3333.2.5.2** (EMB/Stds Com)
Standard for Hard Tissue Modeling for 3D Printing
(New PAR)

**P3333.2.5.3** (EMB/Stds Com)
Standard for Surgical Guide Design Modeling for Medical 3D Printing
(New PAR)

**P3333.2.5.4** (EMB/Stds Com)
Standard for Artificial Joint Implant Design Modeling for Medical 3D Printing
(New PAR)

**P3333.2.5.5** (EMB/Stds Com)
Standard for In Vivo Evaluation of 3D Printed Polymeric Scaffolds in Bone Defects
(New PAR)

**P1451.7** (IM/ST)
Smart Transducer Interface for Sensors and Actuators - Transducers to Radio Frequency Identification (RFID) Systems Communication Protocols and Transducer Electronic Data Sheets (TEDS) for Internet of Things
(Revision PAR)

**P649** (PE/NPE)
Standard for Qualifying Class 1E Motor Control Centers for Nuclear Facilities
(Revision PAR)

**P692** (PE/NPE)
Standard Criteria for Security Systems for Nuclear Power Generating Stations
(Revision PAR)

**P61226** (PE/NPE)
Nuclear power plants - Instrumentation and control systems important to safety - Classification of instrumentation and control functions
(New PAR)
**P1711 (PE/PSCC)**
Standard for a Cryptographic Protocol for Electric Power System (EPS) Communications Links
(Revision PAR)

**P2418.4 (VT/ITS)**
Standard for the Framework of Distributed Ledger Technology (DLT) Use in Connected and Autonomous Vehicles (CAVs)
(New PAR)

**P2406 (VT/RTSC)**
Standard for Design and Construction of Non-Load Break Disconnect Switches for Direct Current Applications on Transit Systems
(New PAR)

### 3 PARS FOR DISCUSSION

#### 3.1 Modified PARs

**IEEE Communications Society/Virtualized and Software Defined Networks, and Services Standards Committee**

**P1913**
YANG Model for Software-Defined Quantum Communication
**Recommendation:** Approve modified PAR

**IEEE Computer Society/Design Automation**

**P3164**
Standard for Security Annotation for Electronic Design Integration
**Recommendation:** Approve modified PAR

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

**P802.3df**
Standard for Ethernet
Amendment: Media Access Control Parameters for 800 Gb/s and Physical Layers and Management Parameters for 400 Gb/s and 800 Gb/s Operation
**Recommendation:** Approve modified PAR

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

**P2418.6**
Standard for a Framework for Web3 in Decentralized Trusted Work Flows in Healthcare and Life Sciences
**Recommendation:** Defer modified PAR until the next NesCom meeting to give the Working Group time to add clarity to the PAR

**P2794**
Reporting Standards for in vivo Neural Interface Research
**Recommendation:** Approve modified PAR

**IEEE Power and Energy Society/Switchgear**

**PC37.68**
Standard Design, Test, and Application Requirements for Microprocessor-Based Controls of Distribution Padmount, Dry Vault, Wet Vault, and Polemount Switchgear Rated Above 1 kV and Up to and Including 38 kV
**Recommendation:** Approve modified PAR
3.2 Extension Requests

**IEEE Communications Society/Green ICT Standards Committee**

**P1922.1**
Standard for a Method for Calculating Anticipated Emissions Caused by Virtual Machine Migration and Placement

**Recommendation:** Approve request for an extension until December 2024

**P1925.1**
Standard for Energy Efficient Dynamic Line Rate Transmission System

**Recommendation:** Approve request for an extension until December 2024

**P1926.1**

**Recommendation:** Approve request for an extension until December 2024

**P1927.1**
Standard for Services Provided by the Energy-efficient Orchestration and Management of Virtualized Distributed Data Centers Interconnected by a Virtualized Network

**Recommendation:** Approve request for an extension until December 2024

**P1928.1**
Standard for a Mechanism for Energy Efficient Virtual Machine Placement

**Recommendation:** Approve request for an extension until December 2024

**P1929.1**
An Architectural Framework for Energy Efficient Content Distribution

**Recommendation:** Approve request for an extension until December 2024

**IEEE Communications Society/Virtualized and Software Defined Networks, and Services Standards Committee**

**P1913**
Software-Defined Quantum Communication

**Recommendation:** Approve request for an extension until December 2024

**IEEE Computer Society/Simulation Interoperability Stds Organization/Stds Activity Committee**

**P1730.2**
Recommended Practice for Verification, Validation and Accreditation of a Distributed Simulation - an Overlay to the Distributed Simulation Engineering and Execution Process

**Recommendation:** Approve request for an extension until December 2023

**IEEE Consumer Technology Society/Emerging Technology Standards Committee**

**P2785**
Standard for Architectural Framework and General Requirements for Smart Home Systems

**Recommendation:** Approve request for an extension until December 2023

**P2786**
Standard for General Requirements and Interoperability for Internet of Clothing

**Recommendation:** Approve request for an extension until December 2023

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

**P473**
Recommended Practice for an Electromagnetic Site Survey (10 kHz to 40 GHz)

**Recommendation:** Approve request for an extension until December 2023
**P1897**
Recommended Practice for the Resolution of Power-Line Gap-Noise Reports
**Recommendation:** Approve request for an extension until December 2024

**P2715**
Guide for the Characterization of the Shielding Effectiveness of Planar Materials
**Recommendation:** Approve request for an extension until December 2023

**IEEE Engineering in Medicine and Biology Society/IEEE 11073 Standards Committee**
**P11073-10101b**
Health informatics – Device Interoperability – Part 10101: Foundational – Nomenclature – Amendment 2: Additional definitions
**Recommendation:** Approve request for an extension until December 2023

**IEEE Engineering in Medicine and Biology Society/Standards Committee**
**P2418.6**
Standard for the Framework of Distributed Ledger Technology (DLT) Use in Healthcare and the Life and Social Sciences
**Recommendation:** Approve request for an extension until December 2025

**P2673**
Standard for Patient Digital Biomedical Data Files with 3D Topological Mapping of Macroanatomy and Microanatomy for Use in Big Data and Augmented Intelligence Systems
**Recommendation:** Approve request for an extension until December 2024

**P2727**
Standard for General Vocabulary for Conformity Assessment of Medical Devices with Measuring Function
**Recommendation:** Approve request for an extension until December 2024 (13 approve, 0 disapprove, 1 abstain)

**P2727.1**
Standard for Conformity Assessment Testing of Cardiac Defibrillators for Legal Metrology Purposes
**Recommendation:** Approve request for an extension until December 2024 (13 approve, 0 disapprove, 1 abstain)

**P2792**
Therapeutic Electrical Stimulation Waveforms
**Recommendation:** Approve request for an extension until December 2024

**P2794**
Standard for Reporting of In Vivo Neural Interface Research
**Recommendation:** Approve request for an extension until December 2025

**P2802**
Standard for the Performance and Safety Evaluation of Artificial Intelligence Based Medical Device: Terminology
**Recommendation:** Approve request for an extension until December 2023

**IEEE Industry Applications Society/Petroleum & Chemical Industry**
**P841.1**
Standard for Process Industry - International Energy Efficient Class 3 (IE3) (Premium-Efficiency), Severe-Duty, Totally Enclosed Frame Surface Cooled Squirrel Cage Induction Motors - 0.75 kW to 370 kW (1 hp to 500 hp)
**Recommendation:** Approve request for an extension until December 2024
**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 2023

**P1658**
Standard for Terminology and Test Methods of Digital-to-Analog Converter Devices  
**Recommendation:** Approve request for an extension until December 2023


**P61869-105**
Recommended Practice for Uncertainty Evaluation in the Calibration of Instrument Transformers  
**Recommendation:** Approve request for an extension until December 2024

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

**P762**
Standard Definitions for Use in Reporting Electric Generating Unit Reliability, Availability, and Productivity  
**Recommendation:** Approve request for an extension until December 2023

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

**P666**
Design Guide for Electric Power Service Systems for Generating Stations  
**Recommendation:** Approve request for an extension until December 2024

**P2800.1**
Guide for Test and Verification Procedures for Inverter-Based Resources Interconnecting with Associated Transmission Electric Power Systems  
**Recommendation:** Approve request for an extension until December 2024

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

**P1188**
Recommended Practice for Maintenance, Testing, and Replacement of Valve-Regulated Lead-Acid (VRLA) Batteries for Stationary Applications  
**Recommendation:** Approve request for an extension until December 2023

**P1679.3**
Guide for the Characterization and Evaluation of Flow Batteries in Stationary Applications  
**Recommendation:** Approve request for an extension until December 2024

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

**P400.3**
Guide for Partial Discharge Field Diagnostic Testing of Shielded Power Cable Systems  
**Recommendation:** Approve request for an extension until December 2023

**P1120**
Guide for the Planning, Design, Installation, and Repair of Submarine Power Cable Systems  
**Recommendation:** Approve request for an extension until December 2024

**P1210**
Standard Tests for Determining Compatibility of Cable-Pulling Lubricants with Wire and Cable  
**Recommendation:** Approve request for an extension until December 2024

**P1617**
Guide for Assessment, Mitigation, and Control of Corrosion of Metallic Shields in Extruded Dielectric Cables rated 5 kV to 46 kV
**Recommendation:** Approve request for an extension until December 2023

**P2412**
Standard Test for Determining Circuit Integrity Performance of Fire Resistive Cable Systems in Passenger Rail and Road Tunnels

**Recommendation:** Approve request for an extension until December 2024

**IEEE Power and Energy Society/Nuclear Power Engineering**
**P845**
Guide for the Evaluation of Human-System Performance in Nuclear Power Generating Stations and Other Nuclear Facilities

**Recommendation:** Approve request for an extension until December 2023

**P62582-1**
Nuclear power plants - Instrumentation and control important to safety - Electrical equipment condition monitoring methods - Part 1: General

**Recommendation:** Approve request for an extension until December 2023

**IEEE Power and Energy Society/Power System Instrumentation and Measurements**
**P510**
Guide for Electrical Safety in High-Voltage Testing

**Recommendation:** Approve request for an extension until December 2024

**P1122**
Standard for Digital Recorders for Measurements in High-Voltage and High-Current Impulse Tests

**Recommendation:** Approve request for an extension until December 2023

**IEEE Power and Energy Society/Power System Relaying and Control**
**P1613**
Standard for Environmental and Testing Requirements for Devices with Communications Functions used with Electric Power Apparatus

**Recommendation:** Approve request for an extension until December 2023

**PC37.90**
Standard for Relays, Relay Systems, and Control Devices used for Protection and Control of Electric Power Apparatus - General Requirements and Tests

**Recommendation:** Approve request for an extension until December 2024

**PC37.92**
Standard for Low-Energy Analog Interfaces between Protective Relays and Power System Signal Sources

**Recommendation:** Approve request for an extension until December 2023

**PC37.102**
Guide for AC Generator Protection

**Recommendation:** Approve request for an extension until December 2024

**PC37.249**
Guide for Categorizing Security Needs for Protection, Automation, and Control Related Data Files

**Recommendation:** Approve request for an extension until December 2023

**P2418.5**
Standard for Blockchain in Energy

**Recommendation:** Approve request for an extension until December 2023

**P2783**
**Recommendation:** Approve request for an extension until December 2023

**IEEE Power and Energy Society/Substations**  
**P525**  
Guide for the Design and Installation of Cable Systems in Substations  
**Recommendation:** Approve request for an extension until December 2024

**P605**  
Guide for Bus Design in Air Insulated Substations  
**Recommendation:** Approve request for an extension until December 2023

**P837**  
Standard for Qualifying Permanent Connections Used in Substation Grounding  
**Recommendation:** Approve request for an extension until December 2024

**P1534**  
Recommended Practice for Specifying Thyristor-Controlled Series Capacitors  
**Recommendation:** Approve request for an extension until December 2024

**IEEE Power and Energy Society/Surge Protective Devices Committee**  
**PC62.21**  
Guide for the Application of Surge Voltage Protective Equipment on AC Rotating Machinery 1000 Volts and Greater  
**Recommendation:** Approve request for an extension until December 2024

**IEEE Power and Energy Society/Surge Protective Devices/Low Voltage**  
**PC62.220**  
Guide for the Application of Surge Protective Devices for the Smart Grid  
**Recommendation:** Approve request for an extension until December 2024

**IEEE Power and Energy Society/Switchgear**  
**PC37.20.3**  
Standard for Metal-Enclosed Interrupter Switchgear Rated Above 1 kV ac up to and Including 48.3 kV ac  
**Recommendation:** Approve request for an extension until December 2023

**PC37.100.7**  
Guide for the Evaluation of Performance Characteristics of Non-Sulfur Hexafluoride Insulation and Arc Quenching Media for Switchgear Rated Above 1000 V  
**Recommendation:** Approve request for an extension until December 2024

**IEEE Power and Energy Society/Transformers**  
**PC57.16**  
Standard for Requirements, Terminology, and Test Code for Dry-Type Air-Core Series-Connected Reactors  
**Recommendation:** Approve request for an extension until December 2024

**PC57.19.00**  
Standard General Requirements and Test Procedure for Power Apparatus Bushings  
**Recommendation:** Approve request for an extension until December 2023

**PC57.19.02**  
Standard for the Design and Performance Requirements of Bushings Applied to Liquid Immersed Distribution Transformers  
**Recommendation:** Approve request for an extension until December 2024
PC57.32.10
Guide for the Selection of Neutral-Grounding Devices for High Voltage Direct Current (HVDC) Converter Transformers
Recommendation: Approve request for an extension until December 2024

PC57.98
Guide for Transformer Impulse Tests
Recommendation: Approve request for an extension until December 2024

PC57.160
Guide for the Electrical Measurement of Partial Discharges in High Voltage Bushings and Instrument Transformers
Recommendation: Approve request for an extension until December 2023

PC57.162
Guide for the Interpretation of Moisture Related Parameters in Liquid Immersed Transformers and Reactors
Recommendation: Approve request for an extension until December 2023

PC57.166
Guide for Acceptance and Maintenance of Insulating Liquids in Transformers and Related Equipment
Recommendation: Approve request for an extension until December 2024

PC57.167
Guide for Monitoring Distribution Transformers
Recommendation: Approve request for an extension until December 2023

IEEE Power and Energy Society/Transmission and Distribution
P18
Standard for Shunt Power Capacitors
Recommendation: Approve request for an extension until December 2023

P957
Guide for Monitoring, Managing and Cleaning of Contaminated Insulators
Recommendation: Approve request for an extension until December 2023

IEEE SA Board of Governors/Corporate Advisory Group
P1858
Standard for Camera Phone Image Quality (CPIQ)
Recommendation: Approve request for an extension until December 2023

IEEE Vehicular Technology Society/Intelligent Transportation Systems
P2020
Standard for Automotive System Image Quality
Recommendation: Approve request for an extension until December 2024

3.3 New PARs

IEEE Computer Society/Artificial Intelligence Standards Committee
P3338
Recommendation: Approve new PAR until December 2026

IEEE Computer Society/Blockchain and Distributed Ledgers
P3227
Standard for a Reference Framework of Data Security Circulation System Based on Blockchain and Federated Computation

**Recommendation:** Approve new PAR until December 2026

**P3229**
Guide for Industrial Software Application Based on Blockchain

**Recommendation:** Approve new PAR until December 2026

**P3230**
Standard for Blockchain based Power System Demand Response Technical Specification

**Recommendation:** Approve new PAR until December 2026

**IEEE Computer Society/Functional Safety Standards Committee**

**P3332**
Standard for Control-oriented System Safety Analysis

**Recommendation:** Approve new PAR until December 2026

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

**P802.3dj**
Standard for Ethernet
Amendment: Media Access Control Parameters for 1.6 Tb/s and Physical Layers and Management Parameters for 200 Gb/s, 400 Gb/s, 800 Gb/s, and 1.6 Tb/s Operation

**Recommendation:** Approve new PAR until December 2026

**P802.3dk**
Standard for Ethernet
Amendment: Greater than 50 Gb/s Bidirectional Optical Access PHYs

**Recommendation:** Approve new PAR until December 2026

**P802.11bk**
Standard for Information Technology--Telecommunications and Information Exchange between Systems – Local and Metropolitan Area Networks--Specific Requirements - Part 11: Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) Specifications Amendment: 320 MHz Positioning

**Recommendation:** Approve new PAR until December 2026

**IEEE Computer Society/Microprocessor Standards Committee**

**P3120.1**
Standard for Quantum Simulator Architecture

**Recommendation:** Approve new PAR until December 2026

**IEEE Computer Society/Standards Activities Board**

**P3330**
Standard for Shape Expression Schemas

**Recommendation:** Approve new PAR until December 2026

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

**P3809**
Standard for Technical Specification of Blockchain-based Electronic Bidding

**Recommendation:** Approve new PAR until December 2026

**P3810**
Standard for Framework of Energy Market Simulation

**Recommendation:** Approve new PAR until December 2026

**P3812.1**
Standard for General Requirements for Identity Framework for Metaverse
**Recommendation:** Approve new PAR until December 2026 (13 approve, 0 disapprove, 1 abstain)

**P3812.2**
Standard for Data Access Management for Identity Relationships
**Recommendation:** Approve new PAR until December 2026 (13 approve, 0 disapprove, 1 abstain)

**P3813**
Standard for General Framework and Technical Requirements for an Industrial Digital Asset Trading Platform
**Recommendation:** Approve new PAR until December 2026

**P3814**
Standard for Carbon Asset Trading Mechanism and Technical Requirements
**Recommendation:** Approve new PAR until December 2026

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

**P3337**
Standard for Intelligent Power, Security, Connectivity (IPSC) for Wellness
**Recommendation:** Defer new PAR until the next NesCom meeting to provide time to update the PAR

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

**P1580a**
Recommended Practice for Marine Cable for Use on Shipboard and Fixed or Floating Facilities
Amendment: Offshore Wind Electrical Substation Cables
**Recommendation:** Approve new PAR until December 2026

**P1814**
**Recommendation:** Approve new PAR until December 2026

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

**P3335**
Standard for Architecture and Interfaces for Time Card
**Recommendation:** Approve new PAR until December 2026

**IEEE Photonics Society/Standards Committee**

**P3324**
**Recommendation:** Approve new PAR until December 2026

**P3325**
Guide for General Requirement for Industrial UV Detection Equipment
**Recommendation:** Approve new PAR until December 2026

**IEEE Power and Energy Society/Switchgear**

**PC37.100.8**
Guide For Methodologies to Demonstrate the Expected Life of Lubricants Used in Switching Devices
**Recommendation:** Approve new PAR until December 2026 (13 approve, 0 disapprove, 1 abstain [Edwards])

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

**P1806-2021/Cor 1**
Guide for Reliability-Based Placement of Overhead and Underground Switching and Overcurrent Protection Equipment up to and Including 38 kV - Corrigendum 1
Recommendation: Approve new PAR until December 2026

P3336
Guide for Vibration Tests for Aircraft Warning Marker Balls on Overhead Transmission Lines
Recommendation: Approve new PAR until December 2026

IEEE Robotics and Automation Society/Standing Committee for Standards
P7017
Recommended Practice for Design-Centered Human-Robot Interaction (HRI) and Governance
Recommendation: Approve new PAR until December 2026

IEEE SA Board of Governors/Corporate Advisory Group
P3303
Adoption of Moving Picture, Audio and Data Coding by Artificial Intelligence (MPAI) Technical Specification Compression and Understanding of Industrial Data (CUI)
Recommendation: Approve new PAR until December 2026

P3326
Recommended Practice for Use of Infrared Online System for Substation Inspection
Recommendation: Approve new PAR until December 2026

P3327
Recommended Practice for Use of an Unmanned Aerial Vehicle for Substation Inspection
Recommendation: Approve new PAR until December 2026

P3328
Recommended Practice for Use of Wheeled Robots for Substation Inspection
Recommendation: Approve new PAR until December 2026

IEEE Systems, Man, and Cybernetics Society/Standards Committee
P3334
Recommended Practice for Market-based Electric Vehicle Grid Integration
Recommendation: Approve new PAR until December 2026

IEEE Vehicular Technology Society/Intelligent Transportation Systems
P1609.2.1-2022/Cor 1
Standard for Wireless Access in Vehicular Environments (WAVE) - Certificate Management Interfaces for End Entities - Corrigendum 1
Recommendation: Approve new PAR until December 2026

3.4 PARs for the Revision of Standards

IEEE Computer Society/Simulation Interoperability Stds Organization/Std Activity Committee
P1730.1
Recommended Practice for Distributed Simulation Engineering and Execution Process Multi-Architecture Overlay (DMAO)
Recommendation: Approve PAR for the revision of a standard until December 2026

IEEE Industry Applications Society/Petroleum & Chemical Industry
P1068
Standard for the Repair and Rewinding of AC Electric Motors in the Petroleum, Chemical, and Process Industries
Recommendation: Approve PAR for the revision of a standard until December 2026
Guide for Motor Control Centers Rated up to and including 600 V AC or 1000 V DC with Recommendations Intended to Help Reduce Electrical Hazards

**Recommendation:** Approve PAR for the revision of a standard until December 2026

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

**P1786**
Recommended Practice for Human Factors Applications of Computerized Operating Procedure Systems at Nuclear Power Generating Stations and Other Nuclear Facilities

**Recommendation:** Approve PAR for the revision of a standard until December 2026

**P1819**
Standard for Risk-Informed Categorization and Treatment of Electrical and Electronic Systems and Components at Nuclear Power Generating Stations and Other Nuclear Facilities

**Recommendation:** Approve PAR for the revision of a standard until December 2026

**IEEE Power and Energy Society/Switchgear**

**PC37.27**

**Recommendation:** Approve PAR for the revision of a standard until December 2026 (13 approve, 0 disapprove, 1 abstain [Edwards])

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

**P1726**

**Recommendation:** Approve PAR for the revision of a standard until December 2026

During the discussion of PARs, NesCom members were reminded to add follow up comments to the NesCom dialog if a reply from the Working Group Chair did not satisfy the NesCom member’s comments.

5 OLD BUSINESS

5.1 myProject Update

Markus Plessel provided a myProject update and received positive feedback from the NesCom members when he announced the availability of the functionality to page through submissions. There was additional discussion about potential upcoming functionality where submitters of modified PARs would get a warning message if the dates entered are past the PAR’s current expiration date. Markus reminded everyone that all of the release notes are on the support portal in myProject.

6 NEW BUSINESS

Daleep Mohla brought up the topic of PAR extension timelines and the fact that all PARs expire in December, creating a large workload for NesCom toward the end of each year. There were several ideas discussed, including recommending that Working Group Chairs do not need to wait until late in the year if they know earlier that they will need an extension. Chair Stanley mentioned that this could be a topic for the 2023 NesCom.

7 DATE OF NEXT MEETING

The next meeting of NesCom is scheduled to occur on 30 January 2023 by teleconference.

8 ADJOURNMENT
Daleep Mohla asked for a round of applause for Chair Stanley, which was heartily agreed to by all NesCom members and staff. Chair Stanley thanked everyone and asked for a round of applause for Lisa Weisser, which became a standing ovation. There being no further business, the meeting was adjourned at 11:19 a.m. ET (UTC-5).