

EESC Annual Newsblast



Promoting importance of standards at Asia Clean Energy Summit (ACES) SIEW 2023

On 26 Oct 2023, Standards partners Prof Tseng KingJet (Convenor of Working Group (WG) on TR 77), Er. Melvyn Thong (Convenor of WG on TR 25, Mr Niels de Boer (Co-Convenor of WG on TR 68-2) and Dr Thomas Reindl (Co-Convenor of WG on Solar PV Energy System) promoted the importance of standards in supporting national initiatives and emerging areas at ACES during the Singapore International Energy Week. They spoke passionately about TR 25 Electric vehicles charging system, TR 68 Autonomous vehicles, TR 77 Electrical energy storage systems, and TR 100 Floating photovoltaic power plants.



Events

Young Professionals Awareness Workshop

On 26 June 2023, a young professionals awareness workshop especially geared towards the next generation of professionals was organized by EESC. .



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Appreciation Lunch for contribution in the EESC (18th term of SSC)



On 16 June 2023, Enterprise Singapore invited partners to the Electrical and Electronic Standards Committee (EESC) Standard Partners Appreciation Lunch in recognition of their significant contributions to the EESC programs.

Their contributions in the Standards Committee in the development & adoption of standards as well as promotional work of the EESC have helped to support safety and quality of products & services for the Electrical & Electronics (EE) and related areas.

Events

TC onboarding session for new TC members (Term: Jan 2024 to Dec 2026)

On 05 Mar 2024, there was an onboarding session conducted to welcome TC members who are new to the committees and standardisation works



Standards Developed & Reviewed



Completed standards in FY 2023

- SS IEC 62722-2-1: 2023 Luminaire performance – Part 2-1 : Particular requirements for LED luminaires
- TR IEC/TR 61850-90-17:2023 Communication networks and systems for power utility automation – Using IEC 61850 to transmit power quality data
- TR IEC/TR 61850-90-16:2023 Communications networks and systems in power utility automations - Part 90-16 Requirement of system management for smart energy automation
- TR IEC/TR 61850-90-6:2023 Communication networks and systems for power utility automation – Part 90-6: Use of IEC 61850 for Distribution Automation Systems
- TR IEC/TR 61850-90-7:2023 Communication networks and systems for power utility automation – Part 90-7: Object models for power converters in distributed energy resources (DER) systems
- TR IEC/TR 61850-90-8:2023 Communication networks and systems for power utility automation – Part 90-8: Object model for E-mobility

15
Standards
completed
between
Apr 2023 to
Mar 2024



Standards Developed & Reviewed



Completed standards in FY 2023

- TR IEC/TR 61850-90-9:2023 Communication networks and systems for power utility automation – Part 90-9: Use of IEC 61850 for Electrical Energy Storage Systems
- TR 77-1:2020(2023) Electrical energy storage (EES) systems – Part 1 : Planning and performance assessment of electrical energy storage systems – General specification
- SS IEC 63294:2023 Test methods for electric cables with rated voltages up to and including 450/750 V
- SS IEC 61701:2023 Salt mist corrosion testing of photovoltaic (PV) modules
- SS IEC 61730-1:2023 Photovoltaic (PV) module safety qualification – Part 1 : Requirements for construction
- SS IEC 61730-2:2023 Photovoltaic (PV) module safety qualification – Part 2 : Requirements for testing
- TR 116:2023 Specification for smart switched socket-outlets
- TR IEC/TS 62915:2024 Photovoltaic (PV) modules – Type approval, design and safety qualification – Retesting
- SS IEC 61850-7-420:2024 Communication networks and systems for power utility automation – Part 7-420: Basic communication structure – Distributed energy resources and distribution automation logical nodes

15
Standards
completed
between
Apr 2023 to
Mar 2024



Upcoming New Initiatives & Standards



Upcoming Standards for New Initiatives in 2024

- Standards for Electric Harbour Craft Charging Systems
- Standards for Secondary Cells and Batteries
- Standards for Remote Monitoring and Diagnostic of Lifts
- Standards for Offshore wind energy systems
- Standards for Semiconductor devices
- Standards for Intruder Alarm Systems
- Standards for Safety of Machinery

Standards for New Initiatives



News & Announcements



Upcoming Events

Young Professionals Induction Workshop

Join us in Sep 2024 for the young professionals induction workshop organized by EESC!

This workshop aims at providing young professionals with an overview of the standard development framework with 2 detailed sessions on the drafting of standards. The workshop will also provide young professionals an overview of the Electrical and Electronic Standards Committee (EESC) and its corresponding technical committees, working groups, and work on emerging areas.

