

APPEEC 2023

Transition towards Carbon Neutrality, Sustainability and Flexibility for Future Energy

6–9 December 2023

Le Méridien Hotel, Chiang Mai, Thailand



IMPORTANT DATES

Submission Opening:
1st March 2023

Digestion Deadline:
30th April 2023

Acceptance Notification:
30th June 2023

Full Paper Submission Deadline:
31st August 2023

Conference Dates:
6–9 December 2023

ABOUT APPEEC 2023

The **15th IEEE PES Asia-Pacific Power and Energy Engineering Conference 2023 (APPEEC)** will be held on **6th to 9th December 2023** in **Chiang Mai, Thailand** (organized by IEEE PES Thailand Chapter). The conference aims to create a knowledge sharing platform for researchers and industry professionals to present and discuss contemporary and emerging technologies. The conference will be conducted on-site including oral and poster presentations.

The conference invites researchers and industry professionals to submit new and original ideas on different aspects of power and energy engineering, which includes but not limited to the following topics:

- Actuator and sensor power systems
- Artificial intelligence and machine learning for energy system applications
- Blockchain and transactive energy systems
- Blue and green hydrogen
- Data analytics, diagnostics, condition monitoring and asset management
- Demand response and demand side management
- Development in power system planning
- Diagnostics, condition monitoring and asset management
- Direct, alternating, and impulse voltages
- Distributed energy resources
- Distribution automation and network protection
- Electric vehicle prospects and network interaction
- Electromagnetic compatibility
- Electrical machines and motor drives
- Electricity markets and regulatory aspects
- Energy conservation and efficiency
- Energy markets and policies
- Energy storage technologies and applications
- Energy technology supporting carbon neutrality
- FACTS and power electronics
- HVDC transmission systems
- Hydrogen fuel cells and hydrogen applications
- Integration of renewable energy sources
- IoT, ICT and cyber security for smart grid
- Medium and low voltage DC system
- Microgrids, community energy and virtual power plants
- Multi energy systems
- Overvoltages, testing procedures and insulation coordination
- Measurement of ultra-high voltages
- Electrostatic fields and field stress control
- Non-destructive insulation test techniques
- Power engineering education
- Power system transient and dynamics
- Power system modeling, simulation, and analysis
- Power system operation and control
- Power system protection and monitoring
- Power system security, reliability, and quality
- Renewable energy forecast
- Smart grid and utility applications

Authors are invited to submit papers no more than 6-pages in length in double column format in the standard **IEEE PES Conference template**. The paper submission link will be available on the conference website. All submitted papers will be peer-reviewed by at least two reviewers. The accepted papers presented in the conference will be submitted to IEEE Xplore Digital Library. Authors of presented papers will be eligible to submit an extended version to IEEE PES journals. **APPEEC 2023 web link: <https://ieee-appeec.org/>**