

# APPEEC 2023

December 6-9, 2023

## Call For Papers

### IEEE PES Asia-Pacific Power and Energy Engineering Conference (APPEEC 2023)

Transition Towards Carbon Neutrality, Sustainability and Flexibility for Future Energy

#### ABOUT APPEEC 2023

##### Important Dates

March 1, 2023  
Submission Opening  
April 30, 2023  
Digestion Deadline  
June 30, 2023  
Acceptance Notification  
August 31, 2023  
Full Paper Submission  
Deadline  
December 6-9, 2023  
Conference Dates

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 (organised 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 in on-site mode with face-to-face (F2F) 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
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- 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
- Power system protection and monitoring
- Renewable energy forecast
- 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
- 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 security, reliability, and quality
- Smart grid and utility applications
- Other related area

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