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2024 IEEE PES 16th Asia-Pacific Power and Energy Engineering Conference

25–27 October 2024 Nanjing, China

Hoster: IEEE PES Society

Co-organizer: Hohai University, IEEE PES Nanjing Chapter

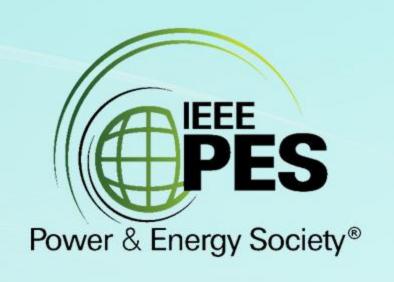
Sponsor: State Grid Jiangsu Electrical Power Co., LTD

2024 IEEE PES 16th Asia-Pacific Power and Energy Engineering Conference will be held on 25–27 October 2024 in Nanjing, China, organized by Hohai University and co-sponsored State Grid Jiangsu Electrical Power Co., LTD and IEEE PES Nanjing 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 with face-to-face (F2F) oral and poster presentations.











2024 IEEE PES 16th Asia-Pacific Power and Energy Engineering Conference

Topics:

- Planning, Operation, Control and Modelling of Power and Energy Systems
- System Security, Reliability, and Quality of Power and Energy
- Active Distribution Networks and DC Distribution Networks
- Renewable Generation, Distributed Energy Resources and Multi-energy Systems
- Emerging Technologies and End-user Systems
- Microgrids, Standalone Power Systems and Virtual Power Plants
- Grid Resiliency, Security, Reliability, Stability and Protection
- Policy, Electricity Market, Innovative Business Mechanism, Policy/Regulatory Aspects
- ✓ Energy Forecasting, Peer-to-peer Energy Trading and Transactive Energy Management
- Smart Homes, Buildings, Communities and Cities
- Demand Response and Demand Side Management
- Electric Vehicle Prospects and Network Interaction
- Artificial Intelligence, Big Data, Machine Learning and Blockchain
- Applications in Power and Energy Systems
- loT, ICT, CPS and Cyber Security for Power and Energy Systems
- Smart Condition Monitoring and Fault Diagnosis Techniques
- Blue and Green Hydrogen, Hydrogen Fuel Cells and Hydrogen Applications
- Energy Storage Technologies and Applications
- Electromagnetic Compatibility
- High Voltage Technology, HVDC Transmission and FACTs
- Non-destructive Insulation Test Techniques
- Electrical Machines and Motor Drives
- Power System Protection and Monitoring
- Power and Energy Engineering Education
- Key Equipment and Demonstration of Future Energy Systems



