

Call for Papers



Asia-Pacific Power and Energy Engineering Conference (APPEEC 2010)

IEEE 电力与能源工程国际会议

March 28-31, 2010 Chengdu, China

<http://www.scirp.org/conf/appeec2010>

This conference is sponsored by IEEE Power & Energy Society (PES), State Grid of China, Sichuan University, Chongqing University and Wuhan University. The conference proceedings will be published by IEEE. **All accepted papers in our conference must be presented at the conference for inclusion in IEEE Xplore and indexed.** This conference will be held in Chengdu where "The Land of Abundance" is located.

Sponsors: IEEE Power Engineering Society (PES), State Grid of China, Sichuan University, Chongqing University and Wuhan University.

Topics

Power Generation-Conventional and Renewable

- Hydropower technologies and applications
- Thermal power technologies and applications
- Nuclear energy generation and utilization
- Wind power generation and utilization
- Bio-energy technologies, process and utilization
- Geothermal and tidal wave energy
- Photovoltaic for solar power application
- New technologies and design for energy efficiency
- New technologies for minimizing CO₂ generation
- Environmental-friendly technologies for power generation

Power Transmission and Distribution

- Ultra High Voltage (UHV) technologies
- HVDC and flexible AC transmission system (FACTS)
- Over-voltage, lightning protection and grounding
- Electromagnetic transient in high voltage power systems
- Insulation condition monitoring in power systems
- Advanced distribution and SCADA technologies
- Electromagnetic compatibility in power systems
- Plasma physics and the pulsed power technology
- Electromagnetic analysis in power systems

Power System Management

- Power system management technologies
- Integrated substation automation technologies
- Power system monitoring and mitigation technologies
- Online monitoring and fault diagnosis system
- Control strategies for modern power system stability
- Modeling and simulation of large power systems
- Application of wide area measurement system (WAMS)
- Power system analysis and optimization
- Load modeling, estimation and forecast
- Power system planning and operation

Smart Grid

- Concept and structure frame
- Operation and control
- Distributed generation and renewable energy application
- Information and smart meter reading
- Integrated energy and communications

Submission Requirements: The working language of the conference is English. All papers must be submitted in IEEE electronic format. Instructions and full information on the conference are posted on the conference website. Anyone wishing to propose a special session or a tutorial should contact us: appeec@scirp.org.

Important Dates:

Nov. 8, 2009 **Deadline for Full Paper Submission**
Nov. 30, 2009 **Notification of Acceptance**

Contact Information:

Website: <http://www.scirp.org/conf/appeec2010>
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