

Journal of Power and Energy Engineering



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Journal of Power and Energy Engineering (JPEE) is an international journal dedicated to the latest advancements in power and energy engineering. The goal of this journal is to provide a platform for scientists and academicians all over the world to promote, share, and discuss various new issues and developments in different areas of power and energy engineering.

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Bio-energy technologies, process and utilization

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Geothermal and tidal wave energy

Hydropower technologies and applications

New technoloies and design for energy efficiency

New technoloies for minimizing CO₂ generation

Photovoltaics for solar power applications

Safe nuclear energy generation and utilization

Thermal power technologies and applications

Waste products as fuel

Wind power generation and utilization

Advanced energy and power devices

Other sustainable energy

2. Power System Management

Application of wide area measurement system (WAMS)

Integrated substation automation technologies

Load modeling, estimation and forecast

Modeling and simulation of large power systems

Online monitoring and fault diagnosis system

Control strategies for modern power system stability

Power system analysis and optimization Power system management technologies Power system monitoring and mitigation technologies

Power system planning and operation

3. Power Transmission and Distribution

Advanced distribution and SCADA technologies

Electromagnetic analysis in power systems

Electromagnetic compatibility in power systems

Electromagnetic transient in high voltage power systems

HVDC and flexible AC transmission system (FACTS)

Insulation condition monitoring in power systems

Over-voltage, lightning protection and grounding

Plasma physics and the pulsed power technology

Ultra high voltage (UHV) technologies

4. Smart Grid Technologies

Agent-based computational economics for grid

Agent-based mechanisms for grid markets

Agent-based simulation of grid environments and markets

Automated negotiation for grid resource allocation

Engineering of grid markets and grid architectures

Modeling of grid environments

Resource allocation in grid scenarios using agent-based approaches

Technical research on future application domains

We are also interested in: 1) Short Reports-2-5 page papers where an author can either present an idea with theoretical background but has not yet completed the research needed for a complete paper or preliminary data; 2) Book Reviews—Comments and critiques.

Notes for Intending Authors

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