

Journal of Power and Energy Engineering



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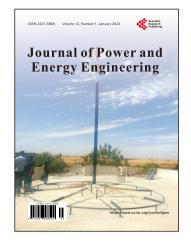
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Advanced energy and power devices

Other sustainable energy

2. Power System Management

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Control strategies for modern power system stability

Integrated substation automation technologies

Load modeling, estimation and forecast

Modeling and simulation of large power systems

Online monitoring and fault diagnosis system

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

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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

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