Special Issue

Multi-Agent Energy Systems Simulation

Message from the Guest Editors

This Special Issue brings together the latest advances and trends in multi-agent energy systems simulation. Specific areas of interest include, but are not limited to:

- Agent-based demand–response simulation
- Agent-based simulation of electric vehicles integration in power systems
- Agent-based simulation, emulation, and control of physical energy resources
- Agent-based smart grid simulation
- Energy resources coalition formation and management models using multi-agent systems
- Game-theoretical models for multi-agent energy systems
- Multi-agent simulation of electricity markets
- Multi-agent systems and meta-heuristic optimization of energy resources
- Multi-agent systems for energy management in buildings
- Multi-agent systems for power network planning, operation, and management
- Real-time and off-line simulation of multi-agent systems in smart grid environments
- Renewable energy resources simulation with multi-agent systems
- Specialized software and tools for simulation of energy systems

Guest Editors

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Deadline for manuscript submissions

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About the Journal

Message from the Editor-in-Chief

Energies is an international, open access journal in energy engineering and research. The journal publishes original papers, review articles, technical notes, and letters. Authors are encouraged to submit manuscripts which bridge the gaps between research, development and implementation. The journal provides a forum for information on research, innovation, and demonstration in the areas of energy conversion and conservation, the optimal use of energy resources, optimization of energy processes, mitigation of environmental pollutants, and sustainable energy systems.

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