Multi-Agent Energy Systems Simulation

Guest Editors:

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Deadline for manuscript submissions:
closed (31 October 2019)

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

Special Issue

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Message from the Editor-in-Chief

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