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Energy Scheduling and Trading in Microgrids and Local Energy Communities

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Deadline for manuscript
submissions:

closed (30 April 2021)

Message from the Guest Editors

The aim of this Special Issue is to bring together new research that addresses issues related to energy scheduling and trading in microgrids and local energy communities. The scope of this Special Issue covers isolated microgrids (with no grid connection), embedded microgrids (can operate in grid-connected or island mode), and local energy communities (comprised of consumers cooperating to satisfy their energy needs using local production sources, and which are not designed to operate in an island mode).

We invite original and unpublished research work in the following areas including, but not limited to:

- Energy scheduling in microgrids and local energy communities
- Market models for energy trading in microgrids and local energy communities
- Energy exchange between multiple microgrids
- Optimisation techniques applied to microgrids and local energy communities
- Multi-agent systems applied to microgrids and local energy communities
- Field experiences from microgrids and local energy communities



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Special Issue



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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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