

Special Issue

Application and Management of Smart Energy for Smart Cities

Message from the Guest Editors

The main concern of this Special Issue is the identification of new smart solutions based on advanced green energy technologies for a sustainable and resilient future grid which enable large urban centers to use energy produced from RESs in suburbs or in small urban centers near cities. This Special Issue invites original contributions on topics including but not limited to the following:

- Renewable energy communities;
- Smart grid modeling for smart cities;
- Smart grid for integration of RES distributed generation into the renewable energy communities framework;
- Distributed energy storage management systems;
- Operation and control of RESs in the presence of distributed energy storage;
- Demand response and demand-side management;
- Forecasting techniques for renewable energy sources and loads;
- V2G applications in smart cities;
- Electricity market modeling and simulation for the integration of renewable sources;
- Artificial intelligence, machine learning, IoT and big data applications for energy systems in the presence of RES dispersed generation.

Guest Editors

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Deadline for manuscript submissions

closed (5 May 2025)



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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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