# Special Issue

# Operation and Control of Microgrids Using Internet of Things (IoT)

### Message from the Guest Editor

Power system is experiencing a paradigm shifting from one-way power flow to a dynamic bidirectional power flow. A traditional approach of centralize control operation of generating units need a major revision to accommodate this growing amount of distributed generation. Adaptive planning and operation strategy need to be employed to keep up with these changes. Smart monitoring and control bring intelligence to all level of power grid. The customer end of the microgrid (MG) acts as a host for distributed energy resources with independent control and communication capability. These properties make MG a building block for smart grid technology. With automation and distributed control, energy flow in MG and its integration to the existing grid infrastructure can be managed remotely and intelligently. Internet of things (IoT) is the technology of choice for this remote monitoring and control.
This Special Issue aims to collect original research or review articles on different types of IoT based MG control and Monitoring both from a fundamental and an applied point of view. Both the energy flow and networking aspect of IoT will be considered for research paper.

### Guest Editor

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### Deadline for manuscript submissions

closed (25 January 2022)

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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.

## Editor-in-Chief

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