Special Issue

IoT for Smart Grids

Message from the Guest Editor

The aim of this issue is to bring together comprehensive reviews and original research articles that focus primarily on IoT research innovations and technologies to illustrate and address the challenges involved in the design and implementation of a smart grid which include integrated communications, smart sensing and measurement, and smart automation to enable improved reliability, network connectivity, efficiency, adaptivity, security, cost-effectiveness and sustainability of smart grid. Topics include but are not limited to: IoT architecture for smart grids; IoT communication protocols for smart grids; IoT monitoring solutions for smart grids; IoT security for smart grids; Advanced metering infrastructure (AMI); Smart metering (SM); Data analytics and visualization of IoT data of smart grids.

Guest Editor

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Deadline for manuscript submissions

closed (31 October 2021)

Energies

an Open Access Journal by MDPI

Impact Factor 3.2
CiteScore 7.3

mdpi.com/si/56302

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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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