

Special Issue

Smart Sensor for Smartgrids and Microgrids

Message from the Guest Editor

This Special Issue aims to identify and discuss technical challenges and recent results related to smart sensors for Microgrids and Smartgrids. To meet the requirements of smart energy, new sensors, processing algorithms, and advanced communication, networks are needed. Improvements are also required in the areas of data storage and management, efficient monitoring, effective and flexible energy resource management, better system scalability, and reconfiguration. Therefore, the topics considered for this Special Issue range from smart sensors and embedded systems that already exist in the lower layer to data processing and cloud techniques in the upper layer, in order to achieve a better understanding, adjustment, and performance of all energy management processes. There are many topics related to this Special Issue, such as the use of advanced sensors, including energy management systems, extensive data collection and storage for load and generation forecasting, extensive data analysis, smart metering, etc. For more information, please click: mdpi.com/si/55917.

Guest Editor

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Message from the Editor-in-Chief

Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. Sensors organizes Special Issues devoted to specific sensing areas and applications each year.

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