Special Issue

Distributed Measurement Systems Applied to Modern Electric Distribution Grids

Message from the Guest Editors

This Special Issue will present concepts, algorithms, technologies, and applications that will help distributed measurement systems contribute to the realization of smart grid scenarios. More specifically, topics of interest for this Special Issue include (but are not limited to) the following:

- Distributed measurement architectures for monitoring, management, and protection
- Synchronized measurements and applications
- Power quality monitoring
- Advanced metering infrastructures
- Smart metering
- Meter placement
- Management of distributed energy resources, energy storage systems, and islanding
- Information and communication technologies for smart grids applications
- Integration of SCADA/EMS tools
- Demand-side management
- Cloud-based solutions

Guest Editors

Dr. Sara Sulis

Department of Electrical and Electronic Engineering, University of Cagliari, 09123 Cagliari, Italy

Dr. Paolo Castello

Department of Electrical and Electronic Engineering, University of Cagliari, 09123 Cagliari, Italy

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Energies
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
energies@mdpi.com

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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.

Editor-in-Chief

Prof. Dr. Enrico Sciubba
Department of Mechanical and Industrial Engineering, University Niccolò Cusano, 00166 Roma, Italy

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