Special Issue

Distributed Energy Storage Devices in Smart Grids

Message from the Guest Editors

Energy storage systems have been recognized as viable solutions for implementing the smart grid paradigm, providing features in load levelling, integrating renewable and intermittent sources, voltage and frequency regulation, grid resiliency, improving power quality and reliability, reducing energy import during peak demand periods, and so on. In particular, distributed-energy storage addresses a wide range of the above potential issues, and it is gaining specific attention from customers, utilities, and regulators.

Original and unpublished contributions discussing theoretical aspects and practical applications of distributed-energy storage systems in smart grids are invited to be submitted. Proposals can address new solutions for the planning and operation of smart grids equipped by distributed-energy storage devices. Review papers will also be taken in consideration for publication. Papers on research projects involving cooperation among researchers from academia, industries, and government will also be welcome to foster interactions among stakeholders.

Guest Editors

Prof. Guido Carpinelli
Dr. Fabio Mottola
Dr. Pasquale De Falco

Deadline for manuscript submissions

closed (31 October 2019)

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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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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

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

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