



energies



an Open Access Journal by MDPI

Recent Advances in Electric Grid Control

Guest Editor:

Dr. David Schoenwald

Electric Power Systems Research
Department, Sandia National
Laboratories, P.O. Box 5800,
Albuquerque, NM 87185 USA

Deadline for manuscript
submissions:

closed (30 December 2022)

Message from the Guest Editor

Dear Colleagues,

The design and implementation of reliable, secure, and stable grid control systems have become more challenging with ever-increasing penetration of inverter-connected resources, e.g., solar and wind energy storage, as well as the potential for malicious/inadvertent cybersecurity threats. Likewise, there have also been recent advances in measurement technologies, high-speed reliable data networks, and advanced control methodologies that can enable the design of more robust, resilient control systems.

In this context, “Recent Advances in Electric Grid Control”, is a Special Issue of *Energies* that will publish original papers about the design, architectures, algorithms, simulation, and implementation of control systems for power grid applications at all levels including transmission, distribution, and microgrids. These papers should address state-of-the-art research and developments, as well as future trends in electric grid control.



mdpi.com/si/45024

Special Issue



energies



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Enrico Sciubba

Department of Mechanical and
Aerospace Engineering,
University of Roma Sapienza, Via
Eudossiana 18, 00184 Roma, Italy

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), Ei Compendex, RePEc, Inspec, CAPlus / SciFinder, and other databases.

Journal Rank: CiteScore - Q1 (*Engineering (miscellaneous)*)

Contact Us

Energies Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/energies
energies@mdpi.com
[X@energies_mdpi](https://x.com/energies_mdpi)