Special Issue

Frequency Stability and Control in Future Power Systems

Message from the Guest Editor

You are kindly invited to submit your relevant work in the field of "Frequency Stability and Control in Future Power Systems" to be published in this special edition of the *Energies* journal. Some topics covered in this Special Issue are:

- Adapted strategies of the hierarchical frequency control
- New solutions for TSO-DSO interaction for active power balancing and frequency control
- The role of energy storage systems in the frequency control and stability
- PMU-based frequency monitoring and control
- Evaluation of the minimum mechanical and synthetic inertia required to support system stability
- Integration of virtual power plants and microgrids in the frequency control schemes
- Real-time monitoring of mechanical and synthetic inertia
- Adapting the ancillary services and balancing markets to deal within the future power generation context
- Control schemes of wind and photovoltaic systems

Guest Editor

Prof. Dr. Lucian Toma
Department of Electrical Power Systems, University Politehnica of Bucharest, 060042 Bucharest, Romania

Deadline for manuscript submissions

closed (31 December 2021)

Energies

an Open Access Journal by MDPI

Impact Factor 3.2
CiteScore 7.3

mdpi.com/si/66775

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

mdpi.com/journal/energies

Energies

an Open Access Journal by MDPI

Impact Factor 3.2
CiteScore 7.3

mdpi.com/journal/energies

About the Journal

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

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 (Control and Optimization)

MDPI