



## Control and Optimization of Electrical Power and Energy Systems

Guest Editors:

**Dr. Karthikeyan Shanmugam Prabhakar**

Department of Electrical Engineering, Vellore Institute of Technology, Vellore 632014, India

**Dr. Kuppan Ravi**

Department of Electrical Engineering, Vellore Institute of Technology, Vellore 632014, India

**Prof. Dr. Jacob Raglend**

Department of Electrical Engineering, Vellore Institute of Technology, Vellore 632014, India

Deadline for manuscript submissions:

**closed (5 January 2023)**

### Message from the Guest Editors

Dear Colleagues,

The business of energy generation, transmission and distribution has become smarter and more efficient, resilient and economical with the use of modern computational/optimization techniques. The field of power systems operation and planning has evolved into a multidisciplinary domain relying on experts with knowledge and skills in a multitude of areas.

The aim of this Special Issue is to bring together all the research works associated with power and energy systems that can be used to improve the operation of power systems and management practices.

Dr. Karthikeyan Shanmugam Prabhakar

Dr. Kuppan Ravi

Prof. Dr. Jacob Raglend

*Guest Editors*





# 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 (Control and Optimization)

## Contact Us

---

*Energies* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/energies](http://mdpi.com/journal/energies)  
[energies@mdpi.com](mailto:energies@mdpi.com)  
[X@energies\\_mdpi](https://twitter.com/energies_mdpi)