



*energies*



an Open Access Journal by MDPI

## End-User Level Models for Enhancing the Integration of Renewable Energy Sources

Guest Editors:

**Dr. Mirna Gržanić**

Department of Energy and Power Systems, Faculty of Electrical Engineering and Computing, University of Zagreb, Zagreb, Croatia

**Prof. Dr. Tomislav Capuder**

Department of Energy and Power Systems, Faculty of Electrical Engineering and Computing, University of Zagreb, Zagreb, Croatia

Deadline for manuscript submissions:

**closed (5 June 2024)**

### Message from the Guest Editors

Dear Colleagues,

The Special Issue of *Energies*, on the subject area of “End-user Level Models for Enhancing the Integration of Renewable Energy Sources”, is now open to submissions.

The goals set for achieving carbon-neutral power systems include, among the increased penetration of renewable energy sources and reduced greenhouse gas emissions, unlocking flexibility potential from the end-user’s side. The introduction of new market entities, such as aggregators and distributed sources of flexibility, results in more efficient power system operation, while energy communities and peer-to-peer trading directly contribute to the involvement of end-users in the low-carbon transition.

Dr. Mirna Gržanić  
Prof. Dr. Tomislav Capuder  
*Guest Editors*



[mdpi.com/si/159290](https://mdpi.com/si/159290)

**Special** Issue



# energies



an Open Access Journal by MDPI

## Editor-in-Chief

### **Prof. Dr. Enrico Sciubba**

Department of Mechanical and Industrial Engineering, University Niccolò Cusano, 00166 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)