

Special Issue

New Progress in Electricity Demand Forecasting

Message from the Guest Editors

The world is currently facing a transition from a fossil-fuel-based system to a new scenario in which renewable energies are used in an increasing proportion. This transition will make countries without traditional fuel sources less energy dependent and will also bring energy to users that currently have a more limited access. The change is challenging and the consequences for climate, society and market relations are tremendous, although many issues still have to be overcome to make this process go as smoothly as possible. One very important task that needs to be achieved to favor a suitable implementation of energy models is to develop and implement trustable forecasts of energy demand all over the world. This Special Issue is related to analyzing, comparing and suggesting energy demand forecasting systems: 1) The importance of the demand analysis; 2) More trustable forecasting techniques; 3) How to reduce the demand analyzed and forecast in the previous points, through the implementation of actions aimed at improving energy efficiency as well as through the implementation of self-consumption facilities.

Guest Editors

Prof. Dr. Diego Carmona-Fernández
Dr. Andres Honrubia-Escribano
Prof. Dr. Manuel Calderón Godoy

Deadline for manuscript submissions

closed (31 October 2025)



Energies

an Open Access Journal
by MDPI

Impact Factor 3.9
CiteScore 8.3



mdpi.com/si/157805

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

[mdpi.com/journal/
energies](https://mdpi.com/journal/energies)





Energies

an Open Access Journal
by MDPI

Impact Factor 3.9
CiteScore 8.3



[mdpi.com/journal/
energies](https://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)