

## Special Issue

# Electrical Equipment State Measurement and Intelligent Calculation

### Message from the Guest Editor

Building an energy internet situational awareness system with comprehensive coverage and precise feedback is an important development trend in which electrical equipment state measurement and intelligent calculation play an important role. With the increasing integration of clean energy into the grid, greater challenges are introduced to the condition monitoring of electrical equipment, and accurate measurement of electrical equipment parameters and rapid processing of measurement data through intelligent calculation methods are crucial. This also has broad application prospects in aerospace, ocean, industry, and other fields. This Special Issue aims to present and disseminate the most recent advances related to the theory, design, modeling, measurement, application, and condition monitoring of all types of state measurement and intelligent calculation.

---

### Guest Editor

Prof. Dr. Jingang Wang

School of Electrical Engineering, Chongqing University, Chongqing 400044, China

---

### Deadline for manuscript submissions

10 March 2025



## Energies

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.0  
CiteScore 6.2



[mdpi.com/si/165397](https://mdpi.com/si/165397)

*Energies*

MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[energies@mdpi.com](mailto:energies@mdpi.com)

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





# Energies

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.0  
CiteScore 6.2



[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 Aerospace Engineering, University of Roma Sapienza, Via Eudossiana 18, 00184 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)