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, Chonqing 400044, China

Deadline for manuscript submissions

closed (31 July 2025)



Energies

an Open Access Journal by MDPI

Impact Factor 3.2 CiteScore 7.3



mdpi.com/si/165397

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



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)

