Special Issue

Diagnostic Testing and Condition Monitoring Methods

Message from the Guest Editors

The "*condition monitoring and diagnostics of in-service power apparatuses"* is very essential to enhance the performance of power networks and to gain better asset management. A feasible approach to achieve these is to provide an optimized reliability-oriented maintenance scheme targeting a broader spectrum of power system apparatuses. The relevant condition monitoring techniques and pertinent data obtained would not only provide a real-time electrostatic field stress faced by the power system apparatus, but also remain a valuable input for improving the design criteria and insulation material. In some cases, a clearer picture regarding the condition of the materials used, their rate of deterioration and the corresponding stress conditions that initiate incipient fault conditions can be obtained. In this context, more work is being carried out worldwide by research institutions, universities, industries and field data collected by engineers, utilities and power plant arrangements. This Special Issue provides a platform to discuss these aspects and share the knowledge gained in the public domain.

Guest Editors

Dr. Saravanakumar Arumugam

Dr. Chakradhar C. Reddy

Prof. Dr. Santoshkumar C. Vora

Deadline for manuscript submissions

closed (10 November 2022)

Energies

an Open Access Journal by MDPI

Impact Factor 3.2
CiteScore 7.3

mdpi.com/si/97994

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

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)

MDPI