Special Issue

Research on Intelligent Operation and Maintenance, Intelligent Manufacturing and Energy Management in the New Energy Equipment Industry

Message from the Guest Editors

Dear Colleagues With the growing global focus on environmental sustainability, the new energy equipment industry plays a crucial role in addressing traditional issues of energy consumption and resource depletion. Energy management technologies optimize resource utilization through efficient battery management systems and intelligent charging solutions, further elevating the overall performance of new energy equipment. This Special Issue aims to introduce and disseminate cutting-edge research in the field of new energy equipment, covering multiple technical directions, including intelligent operation and maintenance, smart manufacturing, and energy management. Topics of interest include, but are not limited to:

- New energy equipment and technology;
- Vehicle-to-everything technology and intelligent transportation systems;
- Electric motor and energy storage equipment engineering;
- Energy-saving optimization control;
- Monitoring and control systems;
- Batteries, fuel cells, and reliability analysis;
- Battery management systems;
- Automated and lean production of components;
- Deep learning;
- Power electronics technology.

Guest Editors

Dr. Zhenzhen Jin

Prof. Dr. Deqiang He

Prof. Dr. Dechen Yao

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

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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

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