Special Issue

Big Data Analysis and Application in Power System

Message from the Guest Editors

This special issue aims to present and disseminate the latest development of big data in energy production, multi-energy system operation, and security risk analysis. Topics of interest for this publication include, but are not limited to:

- Microgrid architecture, monitoring and analysis
- Multi-physical field fusion computational imaging technology
- Production safety risk identification technology
- Personal safety risk analysis technology driven by multi-source data
- Energy forecasting, i.e. wind, solar, load, price
- Optimization and control of low-carbon energy system
- Demand response and resources analytics
- Technologies, problems and applications of multimodal data in future power systems
- Multimodal data based analysis of power equipment and energy systems interactions

Guest Editors

Prof. Dr. Bo Wang

Dr. Hengrui Ma

Dr. Fuqi Ma

Dr. Hongxia Wang

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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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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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