Special Issue

Modern Power System Operations, Control, and Measurement

Message from the Guest Editors

Much attention is paid to renewable energy in modern power systems as an approach to reducing net zero emissions by 2050. In order to efficiently integrate a high portion of renewable energy, improvements in power system operation and new smart grid technologies have been appeared in research. Instead of a centralized operation in conventional power systems, a decentralized operation is actively considered for sustainable power systems and the self-sufficient supply of energy. With an increase in renewable energy, electricity markets evolve to support power system operations by developing the flexible ramping market. At the same time, for efficient and reliable power systems, there is a growing emphasis on smart grid technologies and application methods such as big data analysis, condition monitoring and diagnosis of power system equipment, and industrial IoT (internet of things). The objective of this Special Issue is to address power system operations, control and market topics in modern power systems with new technologies. We look forward to considering your submissions.

Guest Editors

Dr. Hyeongon Park

Prof. Dr. Chun-Kwon Lee

Prof. Dr. Woong Ko

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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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