



Sustainable Power Systems and Optimization

Guest Editors:

Prof. Dr. Xiaoqing Bai

Dr. Chun Wei

Dr. Peijie Li

Dr. Dongliang Xiao

Deadline for manuscript
submissions:

closed (1 March 2023)

Message from the Guest Editors

Dear Colleagues,

This Special Issue aims to report the latest advancements in sustainable power systems and optimization to solve its potential difficulties and challenges. Specifically, authors are encouraged to submit their research works in theoretical, methodological, or practical focuses.

For this SI, the original research articles and reviews are welcomed. Research areas may include (but are not limited to) the following:

Optimization techniques for sustainable power system planning, operation, and control.

Optimization techniques for sustainable power systems assisted by energy storage.

Optimization techniques for sustainable power systems with other types of energy

Demand-side management in sustainable power systems.

Renewable energy trading in wholesale or retail electricity markets.

Multi-objective optimization techniques for sustainable power systems.

Distributed optimization techniques for sustainable power systems

Local energy market mechanisms to accommodate distributed energy resources.

Techniques for handling nonlinearities and non-convexities of sustainable power system problems.

Heuristics algorithms for solving sustainable power system problems.





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Editor-in-Chief

Prof. Dr. Marc A. Rosen

Faculty of Engineering and
Applied Science, University of
Ontario Institute of Technology,
Oshawa, ON L1G 0C5, Canada

Message from the Editor-in-Chief

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Contact Us

Sustainability Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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