Special Issue

Artificial Intelligence in Power Systems Operation and Control

Message from the Guest Editors

This Special Issue is dedicated to promoting high-quality research addressing the aforementioned concerns by means of AI. Specifically, the topics that this Special Issue intends to cover, but is not limited to, are:

- Hybrid AI-physics models.
- AI applications in power-system optimization.
- AI-driven smart grids.
- Renewables and demand integration through AI-based methodologies.
- AI-based solutions for system protection.
- Interpretable AI models.
- Novel AI-based monitoring/situational awareness algorithms.
- Risk and uncertainty modelling with AI.

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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.

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