Special Issue

The Artificial Intelligence Technologies for Electric Power Systems

Message from the Guest Editors

This special issue is dedicated to the advances of AI techniques applied in this engineering domain. We expect contributions that apply recent advances of AI for tasks related to classification, detection, prediction, diagnosis, analytics, control, planning and management of processes in power systems.

- Artificial intelligence in power system
- Fault classification, detection, identification, prediction, and diagnosis
- AI-based demand-side management and flexibility
- Deep learning
- Cyber-physical energy systems
- Communications to support AI in power systems
- Cyber-security
- AI-based learning for system optimization

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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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