Special Issue

Advanced Applications of Machine Learning and Artificial Intelligence in Smart Grids

Message from the Guest Editors

This Special Issue's topics of interest include, but are not limited to, the following:

- Machine learning and AI systems for stability, reliability and to improve the resilience of the electricity system;
- Protection systems for Smart Grids, for example, utilizing data from PMU;
- Intelligent systems for energy storage with the integration of the "Vehicle 2 Grid" systems;
- Development of diagnostic systems for smart grids, alongside the integration of big data, cloud systems and API tools;
- ML systems for demand-side management and demand response and building energy management;
- ICT technologies for power systems;
- Forecast of load and electricity production.

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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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