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Advanced Applications of Machine Learning and Artificial Intelligence in Smart Grids

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Message from the Guest Editors

Dear Colleagues,

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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Guest Editors



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Special Issue



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Message from the Editor-in-Chief

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