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Research on the Optimization of Demand Response in Electric Power Systems

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Message from the Guest Editor

Dear Colleagues,

Power systems with renewable energy sources (RESs) in electric power systems are anticipated to experience substantial growth due to the emerging market. The uncertainty and variability in the production of power via RESs, along with their expanding technology options (photovoltaic panels, plug-in electric vehicles, storage, etc.), propel the need for a higher level of power system flexibility that involves demand-side management. This Special Issue focuses on the optimizations that have been achieved in demand response applications.

Potential topics include, but are not limited to, the following:

- Optimizations used in demand response
- Ai-based applications in demand response
- Demand response for the energy market
- Demand response for ancillary services
- TSO/DSO applications with effective demand response



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Special Issue



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Message from the Editor-in-Chief

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