Special Issue

Demand Side Management and Electricity Price Forecasting in the Electricity Market

Message from the Guest Editor

The decarbonization of the energy sector gives rise to new challenges. The two main challenges are incorporating intermittent renewable energy sources in the electric power grid and integrating new uncertain demands as electric vehicles. New research trends are focused on integrating local resources to local markets. New types of demands arise from energy storage systems and electric vehicles with flexible services. Some services are peak shaving, peak shifting, time of use, and congestion management of the area of influence, so it is important to establish optimal demand side management, a challenge is also the large integration of energy storage systems and electric vehicles. This extensive integration into the grid will also depend on electricity markets and their prices. This Special Issue aims to collect original research or review articles on demand side management, electricity price forecasting in electricity markets, and corresponding novel mathematical models.

Guest Editor

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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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