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Modeling and Forecasting Intraday Electricity Markets

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submissions:

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Message from the Guest Editors

The expansion of renewable generation and active demand side management has increased the importance of short-term electricity markets, which are seen by many market participants as the future of electricity trading. However, so far, the vast majority of research has been in the context of day-ahead auction trading. This situation calls for:

- (1) Understanding the intraday market microstructure with its continuous trading (e.g., Germany, France, Poland, UK) or multiple consecutive auctions (e.g., Italy, Spain) for individual load periods up to a few minutes before delivery and direct influence of power system fundamentals, so different from the uniform price auction day-ahead markets, and;
- (2) developing innovative forecasting methods that meet the very specific characteristics of intraday and balancing (or real-time) electricity markets.

In this Special Issue, we invite submissions exploring cutting-edge research and recent advances that address the above and related challenges.



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Special Issue



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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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