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## Forecasting and Risk Management Techniques for Electricity Markets II

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### Message from the Guest Editor

Dear Colleagues,

The role of forecasting and risk management techniques for electricity markets is becoming increasingly important. Due to the rapid introduction of solar power and other renewable electricity sources, weather and climate changes' impact on electricity markets in both price and volume executions is growing and the market participants may struggle with uncertainties. Moreover, the system operator (or an aggregator in the region) is required to adjust the imbalance using a backup thermal generation system to match real-time power production with electricity consumption, which results in additional cost or a loss caused by prediction errors. Thermal power is another source of uncertainty in electricity markets, as the cost of generating it largely depends on fuel prices and the type of energy. In such a situation, we need to develop more advanced theories and technologies for supporting risk management in electricity markets, including distributed energy resources (DERs) and peer-to-peer (P2P) energy trading systems.



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## Message from the Editor-in-Chief

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