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Sensors and Energy Management Applications for Smart Grid

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Message from the Guest Editors

With the rise of the IoT and the progress of information technology, the traditional electrical power grid is also transforming into a smart grid. Recently, innovative sensing products, services, and technologies such as intelligent monitoring, control, and communication have been adopted by smart grids. The behaviors and actions of users are connected together by smart grids based on sensors. However, different types of users have diverse ways of participating in grid scheduling and control, which leads to the need for smart grids to flexibly adjust their own regulation and control strategies according to the dynamic response of demand-side resources. In this scenario, new approaches in sensor deployments and new algorithms to analyze the information obtained from them are becoming an essential tool to support the trading, scheduling, and control.

The main goal of this Special Issue is to give academics, researchers, and industry professionals an opportunity to highlight their current work and define future research directions.



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Special Issue



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Message from the Editor-in-Chief

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