



Emerging Technologies towards Energy Cooperation between Smart Grid and Microgrids

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Message from the Guest Editor

Dear colleague,

This Special Issue aims to serve as a platform for energy researchers to present appropriate negotiation structures to maximize the benefits of microgrids connected to the smart grid and contribute to the derivation of sustainable future energy systems. In addition to modern techniques to deal with uncertainty parameters incorporating the microgrid and smart grid, this Special Issue will also look at multilateral economic distribution frameworks that need to be implemented easily and efficiently without the need for a central agent with a limited exchange of information, which consists of the amount and price of energy exchange. Special attention will be given to studies on emerging technologies, such as machine learning and artificial intelligence, etc., for solving emergent challenges on renewable energy integration to smart grid, uncertainty-aware peer-to-peer energy management, and smart grid vulnerability against faults and cyberattacks.





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