



Developing and Implementing Smart Grids: Novel Technologies, Techniques and Models

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Message from the Guest Editors

Dear Colleagues,

Due to the rapid growth of technologies and communication systems, electricity demand must be supplied and have the highest quality and reliability. On the other hand, due to increasing concerns about the environment, sustainable energies are highly demanded. On this basis, the conventional energy systems should transition into the smart systems to meet the requirements. Novel technologies, techniques and models in the operation and planning of power systems should enable the current systems to move towards the smart grid. To this end, renewable energy resources, energy storage systems, electric vehicles and demand response are key factors of the transition in different aspects of generation, transmission and distribution levels. This Special Issue aims at encouraging researchers to address the technologies, models and solutions to facilitate and speedup the transition into smart grid.

- Power systems
 - Smart grids
 - Transmission and distribution network
 - Renewable energy resources
 - Energy storage systems
 - Reliability
 - Quality
 - Demand response
 - Electric vehicles
- </ul





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Message from the Editor-in-Chief

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