

Special Issue

Smart Grids and Contemporary Electricity Markets

Message from the Guest Editors

The aims of this Special Issue are as follows:

- To enhance the knowledge of reliability and resilience improvements;
- To introduce better utilization of current resources and grid assets;
- To promote more efficient operational regulations and policies;
- To define an adequate power quality and relevant services for end-users;
- To advance electricity market transactions.

The scope of this Special Issue includes the following topics:

- Resilience in the face of faults and disasters;
- Load management and load balancing;
- Customer participation;
- Integration of renewable energy applications;
- Security and reliability of the electricity network;
- Smart algorithms and devices;
- Smart grid modeling;
- Application of smart grid concepts to residential and distribution systems;
- Architectures for smart grids;
- Power quality;
- Power transmission in a smart grid;
- Electricity trading and energy market transactions.

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Editor-in-Chief

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