



Sustainable Smart Grids and Microgrids: Operation, Control, Protection and Security

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Message from the Guest Editors

Dear Colleagues,

The topics of interest of this special issue include but are not limited to:

- Smart grids and microgrids;
- The design, modeling, and management of smart grids and microgrids;
- Smart grid and microgrid reliability, sustainability, flexibility, and resiliency;
- Smart grid and microgrid dynamics, stability, protection, and security;
- Methodologies and applications of modern methods for the operation and control of smart grids;
- Intelligent systems, solving methods, optimization, and advanced heuristics;
- Modeling, planning, and operation of renewable energy resources;
- Business models for different electricity market players;
- Demand side management and demand response;
- Sizing, placement, and operation of energy storage systems and electric vehicles;
- Smart homes and building energy management...



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Special Issue



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