Special Issue

Power System Operation, Control and Stability

Message from the Guest Editor

The modern electric power grid is changing in many different aspects. Renewable energy resources, with their intermittent and stochastic nature, are being deployed at a large scale at the transmission and distribution levels. Demand responsive loads and plug-in electric vehicles are introducing more variability into electric demand, which necessitates a better integration with energy management systems. In addition, modern power systems are now equipped with a large number of sensors and actuators that enable remote monitoring and control of most system components, as well as implementing powerful distributed and decentralized control algorithms. This Special Issue of *Energies*, "Power System Operation, Control and Stability", is intended for disseminating new promising methods and techniques to model, analyze, and control power and energy systems and to improve their security, reliability, and quality of service. Prospective authors are invited to submit original contributions or survey papers for review for publication in this Special Issue.

Guest Editor

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Energies is an international, open access journal in energy engineering and research. The journal publishes original papers, review articles, technical notes, and letters. Authors are encouraged to submit manuscripts which bridge the gaps between research, development and implementation. The journal provides a forum for information on research, innovation, and demonstration in the areas of energy conversion and conservation, the optimal use of energy resources, optimization of energy processes, mitigation of environmental pollutants, and sustainable energy systems.

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