



Advances and Trends in Smart Grids and Microgrids: Operation, Control, Protection, and Security

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Message from the Guest Editors

Dear Colleagues,

We would like to invite submissions to a Special Issue of *Applied Sciences* on the subject of smart grids and microgrids entitled “Advances and Trends in Smart Grids and Microgrids: Operation, Control, Protection, and Security.”

In future smart grids, keeping the operation in stable modes will require new techniques and technologies for better control and security assessment in such systems. Likewise, stability and security, which are the main issues in smart grids, should be well studied and analyzed. Moreover, new protection schemes are in demand in order to face any unexpected operation problems and contingencies in the smart grid environment.

In order to cope with ever-increasing operation and control complexity and security in modern and future smart grids, new architectures, concepts, algorithms, and procedures are essential. This Special Issue aims to encourage researchers to address the technical issues and research gaps in smart grid and microgrid systems.

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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