



## New Insights in Power System Operations and Planning

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Deadline for manuscript  
submissions:

**closed (20 April 2023)**

### Message from the Guest Editors

Dear Colleagues,

It is my pleasure to introduce a Special Issue of *Applied Science* on “New Insights in Power System Operation and Planning”, and to invite interested authors to submit original contributions on the related topics.

The COVID-19 crisis has underscored electricity’s vital role in modern societies. Reliable electricity ensures the smooth functioning of hospitals and enables many people living under lockdown to continue to work, study, shop, and socialize from home. At the same time, electricity is critical for successfully achieving transitions to clean energy.

Contributions for this Special Issues are expected to address the most advanced topics referring to today’s power system operation and control, and emergent planning strategies.

The main topics of interest for this Special Issue include, but are not limited to:

- Effects of uncertainty on power system operations;
- Effect of large-scale integration of distributed resources on the short circuit capacity in transmission systems;
- Mitigation of oscillations in transmission networks by using storage and demand.



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Guest Editors

# Special Issue



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## Editor-in-Chief

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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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