

## Special Issue

# HVDC for Grid Services in Electric Power Systems

### Message from the Guest Editor

We are inviting submissions of original research to a Special Issue of *Applied Sciences* on the subject of “HVDC for Grid Services in Electric Power Systems”. The modern electric power system has evolved into a huge nonlinear complex system, due to the interconnection of thousands of generation and transmission systems. The unparalleled growth of renewable energy resources (RES) has caused significant concern regarding grid stability and power quality, and it is essential to find ways to control such a massive system for effective operation. The controllability of HVDC and FACTS devices allows for improvement of the dynamic behavior of grids and their flexibility. Research is being carried out at both the system and component levels of modelling, control, and stability. This Special Issue aims to present novel topologies or operation strategies to prevent abnormal grid conditions.

### Keywords

- Control, operation and planning of HVDC Systems
- Active control of HVDC systems
- HVDC control for special protection systems
- HVDC operation scheme for stability improvement

### Guest Editor

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### Deadline for manuscript submissions

closed (25 September 2019)



## Applied Sciences

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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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### Editor-in-Chief

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