

Special Issue

Electric Power System Stability and Control

Message from the Guest Editor

With the growing integration of renewable power generation sources into the electric power grid, power electronic converters and their controllers are introducing different dynamics and instability phenomena into power systems. Advances are needed in modeling, analysis, and control methods. This Special Issue aims to advance the stability analysis and control of electric power systems with high levels of distributed generation and the associated incorporation of power converters. The scope of this Special Issue includes but is not limited to the following topics: control of power electronic converters; stability analysis of power systems with high integration of renewable generation; stability control of large-scale power systems; pertinent electric circuit modeling and analysis methods; and industrial practices.

Guest Editor

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Editor-in-Chief

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