



Advances in Enhancing Energy and Power System Stability and Control

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Message from the Guest Editors

Dear Colleagues,

The purpose of this Special Issue aims to highlight the novel and most recent advances in theory, modeling and applications of energy and power system security assessment and control to better promote the construction and development of low-carbon clean energy and power systems. The Special Issue welcomes original articles that may focus on (but not limited to):

1. Modeling analysis of energy and power system security assessment and control
2. Transient/Frequency stability analysis of energy and power systems
3. Voltage/Small-signal stability analysis of energy and power systems
4. Subsynchronous torsional oscillation analysis of energy and power systems
5. Resilience assessment of energy and power systems
6. Data-driven technology-based energy and power system security assessment and control
7. AI-based energy and power system stability analysis
8. Control and protection strategies for power electronic-based energy and power systems
9. Risk assessment and management of energy and power systems against extreme events
10. Stability-constrained optimal planning and operation of energy and power systems





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Message from the Editor-in-Chief

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