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Modeling, Analysis and Control Processes of New Energy Power Systems

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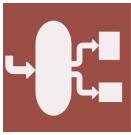
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Dear Colleagues,

This Special Issue on ‘Modeling, Analysis and Control Processes of New Energy Power Systems’ will gather high-quality research articles with original contributions to studies on the large-scale integration of new energy into power systems. Topics of interest include, but are not limited to:

- Optimal operation and control of new energy power systems;
- New energy power system control strategy for resilience enhancement;
- Modeling, analysis and control of flexible resources (including demand response, energy storage, power electronics device and so on) for new energy power systems;
- Modeling, analysis and control of AC–DC power systems;
- Modeling, analysis and control of interconnected multi-regional power systems;
- Coupling modeling, analysis and control of new energy power systems with gas networks and heat networks;
- Situation awareness and risk assessment of new energy power systems;
- Stability analysis and control of new energy power systems;
- Electricity market mechanism design and trading strategy of new energy power systems.

Special Issue



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Message from the Editor-in-Chief

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