



Resilient and Flexible Energy Systems

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Message from the Guest Editor

Dear Colleagues,

The purpose of this Special Issue is to provide an opportunity for researchers to present new solutions to increase the resilience and flexibility of modern energy systems. Topics of interest include but are not limited to:

- Flexibility analysis of energy hubs and multiple energy hubs;
- Suppression of uncertainties and fluctuations in distributed renewable energies;
- High-impact low-probability disruptive events;
- Advanced technologies for resilience enhancement;
- Operation and planning of multienergy hubs;
- Support decarbonization by improvement of energy systems' flexibility;
- Transportation electrification impact on resilience and flexibility;
- Local energy control and management strategies;
- System resilience in natural hazard conditions;
- Flexibility improvement by distribution network reconfiguration;
- Impact of high penetration of renewable energies on system resiliency;
- Post-restoration state analysis;
- Infrastructures recovery analysis;
- Demand response programs impact on system resiliency.





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Message from the Editor-in-Chief

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