

Special Issue

Smart Grid and Control System for Higher Resilience and Reliability

Message from the Guest Editor

Interruptions to the supply of electric power from power systems due to occurrence of typhoons and storms and floods have increased in recent years. The Special Issue invites research on attempts to maintain supply of electric power and thermal energy using microgrids in the context of various disaster conditions. In order for a continuous power supply to be secured and energy management systems to be maintained for several days, solar power generation and wind power generation can be used. However, it is necessary to introduce optimum energy management methods in critical cases. In addition, electric vehicles are particularly useful transportation tools in certain disaster conditions and the storage batteries of electric vehicles can also be used to supply electricity. The Special Issue invites researchers in fields of power control and management, renewable power distribution, power quality measurement and control to submit their quality research works for publication. The Special Issue includes but is not limited the following topics:

- Micro grid
- Power system
- Renewable energy
- Resilience of power supply
- Electric vehicle
- Smart house/building

Guest Editor

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Message from the Editor-in-Chief

I encourage you to contribute a research or comprehensive review article for consideration for publication in *Sustainability*, an international Open Access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. *Sustainability* publishes original research articles, review articles and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

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