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## Battery Energy Storage for Operational Management of Electrical Networks and Micro-Grids

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Deadline for manuscript  
submissions:

**closed (1 March 2022)**

### Message from the Guest Editors

The main topics of interest for this Special Issue include, but are not limited to:

- Evolution of battery technologies for grid applications
- Models of battery energy storage systems
- Battery self-discharge models
- Efficiency of battery energy storage systems for grid applications
- Economics of battery system applications to smart grids
- Comparisons among different battery technologies for grid applications
- Applications of batteries in distribution system operation
- Provision of grid services through battery storage
- Optimal operation of batteries in micro-grids
- Enhancement of self-consumption and self-sufficiency with renewable energy sources and batteries
- Applications of battery energy storage in multi-energy communities
- Application of batteries in temporary micro-grids



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# Special Issue



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## Message from the Editor-in-Chief

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