



## Electricity Storage

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Deadline for manuscript  
submissions:

**closed (20 January 2021)**

### Message from the Guest Editor

Dear Colleagues,

Electricity storage will play a crucial role in the energy transition, allowing the massive renewable energy integration in the electrical power system.

Electricity storage could help the utility grid operate more efficiently, reduce the likelihood of brownouts during peak demand, and contribute to frequency control, load shifting, peak shaving, smoothing/ramp rate control, and power quality, among others. In stand-alone (off-grid) systems, electricity storage is absolutely crucial for supplying the load when renewable sources cannot supply the load (load following). Taking into account all the above, this Special Issue is dedicated to any topic related to electricity storage, including all the storage technologies, applications, modelling, control, sizing, simulation, and optimization, for grid-connected or off-grid systems, considering technical, environmental, and economic aspects.

Prof. Dr. Rodolfo Dufo-López  
*Guest Editor*





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## Message from the Editor-in-Chief

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