

Special Issue

Energy Storage in Smart Buildings

Message from the Guest Editors

For the Special Issue “Energy Storage in Smart Buildings”, we welcome topics include but are not limited to:

- New hardware or material solutions for electrical, chemical, or thermal storage in buildings;
- Advanced tariffs and transaction models to promote smartgrid-to-building integrations;
- Simulations or empirical studies investigating to what extent load or storage sharing between multiple building can reduce the capacity requirement for standalone storage in individual buildings;
- Dispatch strategies and/or control systems, including Building Automation Systems, to optimize the performance of individual components of the energy storage system or the building as a whole;
- Special challenges/solutions to using electric or alternative fuel-based vehicles as a means of building-based storage;
- Synergies of integrating building energy storage with building-based distributed generation (e.g., solar);
- Opportunities or challenges of building-based energy storage with respect to building or grid reliability and resilience.

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Deadline for manuscript submissions

closed (1 November 2022)



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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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