



Synergic Integration of Electric Vehicles, Renewable Energy, and Storage Systems into Smart Grids

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Deadline for manuscript
submissions:

15 January 2025

Message from the Guest Editors

In this Special Issue, original research articles and reviews are welcome and research areas may include, but are not limited to, the following:

- Forecasting methods for EV charging demand and RES power generation;
- Sizing methods of PV + storage systems to support charging hub power demand;
- Energy management systems (EMSs) for efficient monitoring and control of power flows at EV charging hubs with photovoltaic sources and storage systems;
- Smart charging and vehicle-to-X (V2X) techniques for EV integration into smart grids;
- Tariff options and regulatory frameworks to foster demand-side management and self-dispatching operations;
- Provision of power network emergency services from microgrids, including intentional and dynamic islanding, black start, counterfeeding, and grid-forming capabilities.

We look forward to receiving your contributions.





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Message from the Editor-in-Chief

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