Special Issue

Enhancing PV Hosting Capacity into Distribution Networks

Message from the Guest Editors

This special issue is calling for original contributions to the following areas. On the technical front:

- The impact of higher penetration of solar PV plants on distribution networks;
- Mitigation measures to minimize network impacts;
- Standards and good practices in place to plan and operate distribution networks with a high penetration of solar PV;
- Centralized and decentralized controllers for overcoming grid impacts;
- IoT-based control strategies available for coordinated control of assets connected to the distribution network;
- Enabling technologies: EV G2V and V2G operation, demand-side management, power electronic devices, energy storage.

On the social front:

- Reasons for varying the consumer adoption of PV under different social settings;
- Drives and barriers for PV-based community energy systems;
- Resistance to change for new technology.

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Deadline for manuscript submissions

closed (31 March 2022)

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Message from the Editor-in-Chief

Energies is an international, open access journal in energy engineering and research. The journal publishes original papers, review articles, technical notes, and letters. Authors are encouraged to submit manuscripts which bridge the gaps between research, development and implementation. The journal provides a forum for information on research, innovation, and demonstration in the areas of energy conversion and conservation, the optimal use of energy resources, optimization of energy processes, mitigation of environmental pollutants, and sustainable energy systems.

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