



Enhancing PV Hosting Capacity into Distribution Networks

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Deadline for manuscript submissions:

closed (31 March 2022)

Message from the Guest Editors

This special issue is calling for original contributions to the following areas.

On the technical front:

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

On the social front:

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





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Message from the Editor-in-Chief

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