



Integration of PV in Distribution Networks

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Message from the Guest Editors

Dear Colleagues,

We invite you to submit your original research or overview papers to this Special Issue on the “Integration of PV in Distribution Networks”, in *Energies*.

In this Special Issue we welcome contributions within the general area of PV grid integration, especially for low voltage distribution systems and issues related to high PV penetration.

Topics include, but are not limited to:

- Grid current harmonics, interharmonics, and their mitigation
- Grid voltage fluctuations due to fast irradiance variations (e.g., passing clouds)
- Operation of large number of paralleled PV inverters: resonance, harmonics, active anti-islanding, operation under grid faults.
- Advanced control strategies for higher PV penetration, grid voltage support via reactive power, frequency support, active power control
- Coordinated control of PV inverters to, e.g., allow higher penetration

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Message from the Editor-in-Chief

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