Special Issue

Voltage Unbalance Analysis in Power Distribution Networks

Message from the Guest Editor

The is inviting submissions to a Special Issue of *Energies* on the subject area of “Voltage Unbalance Analysis in Power Distribution Networks”. Balanced operation of voltages within allowed power quality standards is important for the safe operation of electrical equipment and assets. Renewable generators and increasing electrification might cause unbalance, if no special attention is given to disadvantageous conditions. With the advent of smart meters, sensors and IoT devices, unbalanced network states can be detected, and symmetry can be re-established by means of connection planning measures, phase-sequencing or operational interventions. This Special Issue will deal with emerging issues of unbalanced voltage in energy systems, due to changing consumption behaviour, renewable generation and increasing electrification, like transportation and heat pumps.

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Deadline for manuscript submissions

closed (20 November 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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