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Advances in Direct Current (DC) Power Use in Buildings and Community Microgrids

Guest Editors:

Dr. Wei Feng

Dr. Bin HAO

Prof. Dr. Josep M. Guerrero

Deadline for manuscript
submissions:

closed (17 March 2023)

Message from the Guest Editors

Dear Colleagues,

With the growth of distributed PV and battery storage in buildings and communities, low voltage direct current (DC) power distribution and microgrids have become popular. The DC power system can effectively integrate native DC electrical end-use technologies, such as LED lighting, IoT, as well as PV and battery storage. This Special Issue is to share recent development of low voltage DC power systems in buildings and communities on system design, power electronics, control, protection, grid integration, and standards.

Submitted manuscripts should not have been published previously, nor be under consideration for publication elsewhere (except conference proceedings papers). All manuscripts are thoroughly refereed through a single-blind peer-review process. A guide for authors and other relevant information for submission of manuscripts is available on the [Instructions for Authors](#) page. *Energies* is an international peer-reviewed open access semimonthly journal published by MDPI.

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mdpi.com/si/113746

Special Issue



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Editor-in-Chief

Prof. Dr. Enrico Sciubba

Department of Mechanical and
Aerospace Engineering,
University of Roma Sapienza, Via
Eudossiana 18, 00184 Roma, Italy

Message from the Editor-in-Chief

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Journal Rank: CiteScore - Q1 (*Engineering (miscellaneous)*)

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Energies Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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