

Special Issue

HVDC Power Transmission: Technology, Systems, and Grid Interaction

Message from the Guest Editor

We invite submissions to a Special Issue of the journal *Energies* on the topic of “HVDC Power Transmission: Technology, Systems, and Grid Interaction”. This Special Issue will include but is not limited to:

- HVDC system design (monopolar/bipolar system and rigid bipole)
- Converter technology (LCC and MMC)
- HVDC cables and HVDC overhead lines
- System stability enhancement by HVDC systems, especially harmonic stability
- Multi-terminal HVDC grids
- Grid following and grid forming HVDC control
- HVDC grid protection
- HV-IGBT developments
- Operational experience with HVDC systems

Guest Editor

Prof. Dr. Thomas Leibfried

Institute for Electrical Energy Systems and High-Voltage Technology,
Karlsruhe Institute of Technology, Karlsruhe, Germany

Deadline for manuscript submissions

closed (20 November 2021)



Energies

an Open Access Journal
by MDPI

Impact Factor 3.2
CiteScore 7.3



mdpi.com/si/34093

Energies
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
energies@mdpi.com

[mdpi.com/journal/
energies](https://mdpi.com/journal/energies)





Energies

an Open Access Journal
by MDPI

Impact Factor 3.2
CiteScore 7.3



[mdpi.com/journal/
energies](https://mdpi.com/journal/energies)



About the Journal

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.

Editor-in-Chief

Prof. Dr. Enrico Sciubba

Department of Mechanical and Industrial Engineering, University
Niccolò Cusano, 00166 Roma, Italy

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), Ei Compendex, RePEc, Inspec, CAPlus / SciFinder, and other databases.

Journal Rank:

CiteScore - Q1 (Control and Optimization)