



energies



an Open Access Journal by MDPI

DC and AC Overhead Transmission Lines from Low to Extra-High Voltages

Guest Editors:

Prof. Dr. Roberto Benato

Department of Industrial Engineering, University of Padova, 35131 Padova, Italy

Dr. Sebastian Dambone Sessa

Department of Industrial Engineering, University of Padova, 35131 Padova, Italy

Deadline for manuscript submissions:

closed (11 August 2019)

Message from the Guest Editors

Dear Colleagues,

The first comprehensive power system (generator, transmission line, and loads) in New York (Pearl Street) was created in 1882. From that year, the spread of electrical transmission grids has been so exorbitant and successful that the National Academy of Engineering has rightly stated that the electrical grid is the greatest engineering achievement of the 20th century. There is no doubt that, even if insulated cables are also playing a growing role in HV and EHV levels (in LV and MV they are widely employed), existing overhead lines remain a fundamental presence in the electric grid. This Special Issue is devoted to all the topics pertaining to overhead lines for ac and dc transmission:

Prof. Dr. Roberto Benato
Dr. Sebastian Dambone Sessa
Guest Editors



mdpi.com/si/21813

Special Issue



energies



an Open Access Journal by MDPI

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

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.

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)

Contact Us

Energies Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/energies
energies@mdpi.com
[X@energies_mdpi](https://twitter.com/energies_mdpi)