

Special Issue

Impact of Electric Vehicles on the Power System

Message from the Guest Editor

This Special Issue aims to collect original research and studies about the abovementioned multidisciplinary topics, including all technical, economic, and policy aspects related to the impact of EVs on power systems. Papers selected for this Special Issue will be subject to a rigorous peer review procedure, with the aim of rapid and wide dissemination of research results, developments and applications. Keyword: Battery charging and changing; Business models; Charging infrastructures; Electric vehicles and plug-in hybrid electric vehicles; Distribution systems; Energy management; Energy, reserve, and balancing markets; Fast charging; Flexibility services; Generation dispatching; Hosting capacity and integration of RES; Load profiles; Mini-grids and virtual power plants; Penetration scenarios; Policy and regulation; Power system security and efficiency; Smart grid; Sustainability; Vehicle fleet management; Vehicle-to-Grid (V2G) I am writing to invite you to submit your original work to this Special Issue and I look forward to receiving your outstanding research.

Guest Editor

Dr. Davide Poli

Department of Energy, Systems, Territory, and Constructions Engineering (DESTEC), University of Pisa, Largo Lucio Lazzarino, 56122 Pisa, Italy

Deadline for manuscript submissions

closed (30 June 2020)



Energies

an Open Access Journal
by MDPI

Impact Factor 3.2
CiteScore 7.3



mdpi.com/si/32918

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)