



Electricity Market: Developing the Dynamic Power Market of Tomorrow

Guest Editor:

Prof. Dr. Paras Mandal

Power & Renewable Energy
Systems (PRES) Lab., Department
of Electrical & Computer
Engineering, The University of
Texas at El Paso, El Paso, TX
79968, USA

Deadline for manuscript
submissions:

closed (1 July 2021)

Message from the Guest Editor

Dear Colleagues,

Renewable electric power generation, *primarily from wind and solar*, has a significant impact on the operation of electricity markets and power systems. However, the power output of renewable energy sources depends critically on the weather, and unexpected variations in weather will result in varying power generation output leading to an increase in the operating costs of the power grid. Furthermore, several challenges arise due to renewable energy integration into the electric power grid such as, but not limited to, transmission planning, resource adequacy, and interconnection standards to dealing with the increased uncertainty in short-term operations. The major goal of this Special Issue of **Energies** is to bring together researchers, scientists, engineers, and practitioners from industry on a common platform to develop, design, and publish innovative ideas to enhance the field of Electricity Markets as well as to explore the latest developments in renewable integrated power system markets operations.





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 Compindex, RePEc, Inspec, CAPlus / SciFinder, and other databases.

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

Contact Us

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

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

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