Special Issue

Decentralised Energy Supply Systems

Message from the Guest Editor

Decentralized energy supply refers to energy that is produced and used locally, whether for electricity, heating or cooling, and can be derived from small renewables, biomass, waste-to energy or combined heat and power. Driven by both low carbon and security of supply priorities, there has been increasing interest commercially and amongst policy makers in meeting energy service demands through local installations. This Special Issue will address key opportunities and challenges for expansion of decentralized energy supply systems. Attention will be given to emerging technologies offering improved performance, and to local or community scale business models in which they can thrive. Methods for local energy systems modeling and decision making for system design will be considered, and the influences of current and future policy initiatives will be explored. Local supply cannot be considered in isolation, and attention will also be given to its interaction with emerging energy storage and demand side management opportunities, and to impacts on conventional power systems.

Guest Editor

Prof. Dr. Matthew Leach

The centre for Environment and Sustainability, University of Surrey, Guildford, UK

Deadline for manuscript submissions

closed (28 February 2018)

Energies

an Open Access Journal by MDPI

Impact Factor 3.2
CiteScore 7.3

mdpi.com/si/8160

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

mdpi.com/journal/energies

Energies

an Open Access Journal by MDPI

Impact Factor 3.2
CiteScore 7.3

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)

MDPI