

## Special Issue

# Wind Farm Power Curves and Power Distributions

### Message from the Guest Editor

Wind turbine power curves establish the relationship between incident wind speed and generated power and are obtained by the manufacturers. The goal of this Special Issue is to present works about wind farm power curves and wind farm power distributions. Keywords

- wind turbine
- wind farm
- wind speed distribution
- Weibull distribution
- Rayleigh distribution
- wind turbine power curve
- wake effect
- wind farm power curve
- wind farm power distribution

---

### Guest Editor

Prof. Dr. Andrés Elías Feijóo Lorenzo

Departamento de Enxeñaría Eléctrica, Universidade de Vigo, EEI,  
Campus de Lagoas-Marcosende, 36310 Vigo, Spain

---

### Deadline for manuscript submissions

closed (24 February 2021)



## Energies

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.2  
CiteScore 7.3



[mdpi.com/si/27624](https://mdpi.com/si/27624)

*Energies*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[energies@mdpi.com](mailto: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)