# Special Issue

# Power System Dynamic and Stability Issues in Modern Power Systems Facing Energy Transition

## Message from the Guest Editors

The classic treatment of the stability and control of transmission systems concerns two major areas: steady-state stability and dynamic stability. The steady-state stability of electrical power systems refers to the behavior of a system while operating at any given equilibrium operating point. The main variables to control in maintaining steady-state stability are voltage and current in terms of the load-bearing capacity of transmission lines, transformers, etc. the current Special Issue aims to collect contributions (i.e., research papers and review articles) on power system dynamics and stability from experts in academia and industry.

## Guest Editors


Dr. Cosimo Pisani

Dispatching and Operation, Terna Italian Transmission System Operator, 00156 Rome, Italy

Dr. Giorgio Maria Giannuzzi

Dispatching and Operation, Terna Italian Transmission System Operator, 00156 Rome, Italy


## Deadline for manuscript submissions

closed (20 September 2022)


# Energies

an Open Access Journal by MDPI

Impact Factor 3.2
CiteScore 7.3

mdpi.com/si/68293

*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)