





an Open Access Journal by MDPI

Technical-Environmental-Economic Evaluation of District Energy Systems with Energy Storage

Guest Editors:

Dr. Behnaz Rezaie

Division of Physical and Computational Sciences, University of Pittsburgh, Pittsburgh, PA 15260, USA

Dr. Farschad Torabi

Battery and Energy Generators Research Lab, Faculty of Mechanical Engineering, K. N. Toosi University of Technology, Tehran 1999143344, Iran

Deadline for manuscript submissions:

closed (7 May 2024)

Message from the Guest Editors

In this Special Issue, original research articles and reviews are welcome. Research areas may include (but are not limited to) the following:

- Artificial intelligence and district energy systems with energy storage;
- Modelling and analysis of district energy systems with energy storage systems;
- Innovative energy storage technologies integrated with district energy systems;
- Energy storage integrated with buildings;
- Energy storage for decarbonization of heating and cooling;
- Hydrogen storage systems integrated with district energy systems;
- Electrochemical and chemical energy storage systems integrated with district energy systems;
- Sensible and latent thermal energy storage integrated with district energy systems;
- Thermochemical energy storage systems integrated with district energy systems;
- Sizing and management strategies for district energy systems with energy storage;
- Business models for the operation of district energy systems with storage systems;
- Economic, policy, safety, and regulatory aspects of energy storage systems and district energy systems.









CITESCORE 5.8

an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Marc A. Rosen

Faculty of Engineering and Applied Science, University of Ontario Institute of Technology, Oshawa, ON L1G 0C5, Canada

Message from the Editor-in-Chief

I encourage you to contribute a research or comprehensive review article for consideration for publication in Sustainability, an international Open Access journal which provides an advanced forum for research findings in areas sustainability related to and sustainable development. Sustainability publishes original research articles, review articles and communications, I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering and applications of sustainability-based measures and activities.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE and SSCI (Web of Science), GEOBASE, GeoRef, Inspec, AGRIS, RePEc, CAPlus / SciFinder, and other databases.

Journal Rank: JCR - Q2 (Environmental Studies) / CiteScore - Q1 (Geography, Planning and Development)

Contact Us