

Accepted Manuscript

A Multi-Objective Optimization Approach for Selection of Energy Storage Systems

Lanyu Li , Pei Liu , Zheng Li , Xiaonan Wang

PII: S0098-1354(18)30322-3
DOI: [10.1016/j.compchemeng.2018.04.014](https://doi.org/10.1016/j.compchemeng.2018.04.014)
Reference: CACE 6082



To appear in: *Computers and Chemical Engineering*

Received date: 19 February 2018
Revised date: 12 April 2018
Accepted date: 13 April 2018

Please cite this article as: Lanyu Li , Pei Liu , Zheng Li , Xiaonan Wang , A Multi-Objective Optimization Approach for Selection of Energy Storage Systems, *Computers and Chemical Engineering* (2018), doi: [10.1016/j.compchemeng.2018.04.014](https://doi.org/10.1016/j.compchemeng.2018.04.014)

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

Highlights

- A decision-making framework for energy storage selection is developed.
- Life cycle environmental, economic and technical criteria are considered.
- Centralized and distributed energy systems are studied.
- Evaluation of the major energy storage technologies shows consistent with literature and experience.
- Flow batteries, hydrogen energy storage, and the emerging applications are optimal energy storage alternatives in distributed energy systems.

ACCEPTED MANUSCRIPT

Download English Version:

<https://daneshyari.com/en/article/6594727>

Download Persian Version:

<https://daneshyari.com/article/6594727>

[Daneshyari.com](https://daneshyari.com)