

Feng ziping energy storage





Overview

His research interests include large-scale electric energy storage system control technology, gas engine heat pump technology, dynamic ice thermal storage technology, high density latent heat transfer technology and natural gas hydrate production, storage and transportation, generation technology.



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???: ??????, ??????, ????, ????, ?????? Abstract: Integrated energy system is an important approach for green and low-carbon transformation of the energy ...

[???????????????????? \(GIEC OpenIR\): Energy ...](#)

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Song Wenji's research works , Chinese Academy of Sciences, ...

The accurate and reliable SOC (state of charge) estimation is difficult, although it is a core factor especially for battery energy storage system. Current studies of SOC estimation theories and



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Energy management strategy and capacity optimization for CCHP system integrated with electric-thermal hybrid energy storage system
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Energy storage for urban rail transportation HU Jingxian1,2, LIN Shili1, SONG Wenji1, ZHANG Yanhui1, FENG Ziping1 1Guangzhou Institute of Energy Conversion,Chinese Academy of ...



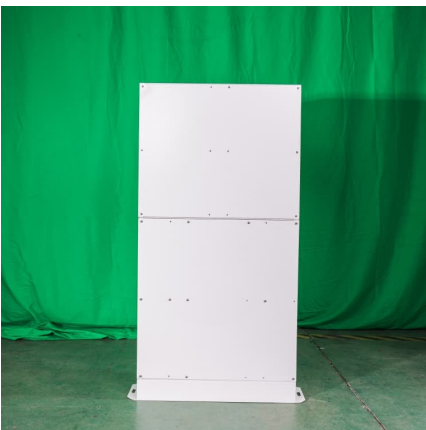
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[2] Lin Shili, Song Wenji, Feng Ziping, et al. Energy management strategy and capacity optimization for CCHP system integrated with electric-thermal hybrid energy storage ...





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???: ????, ????, ????, ???, ??? Abstract: This paper attempts to assess the use of energy storage systems (ESS) for recovering and reusing braking energy in urban ...



[Energy storage for urban rail transportation](#)

Cite this article HU Jingxian, LIN Shili, SONG Wenji, ZHANG Yanhui, FENG Ziping. Energy storage for urban rail transportation [J]. Energy Storage Science and Technology, 2014, 3 (2): ...



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Fuchao LI, Mingbiao CHEN, Qun DU, Yongzhen CHEN, Wenji SONG, Wenye LIN, Ziping FENG. Research on in-situ remote offshore wind-power ...



[Ziping Feng , IEEE Xplore Author Details](#)

Ziping Feng Affiliation Air-Conditioning & Thermal Storage Technology Research Group, Guangzhou Institute of Energy Conversion, Chinese Academy and Sciences, Guangzhou, China



Study on passive balancing characteristics of serially connected

Feng Ziping was born in 1968. He is a researcher, professor and Ph. D. supervisor of the Guangzhou Institute of Energy, Chinese Academy of Sciences. His research ...



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?????: I Lin Shili, Song Wenji*, Feng Ziping, Zhao Yongjie, Zhang Yanhui. Energy management strategy and capacity optimization for CCHP system integrated with ...

Performance and comparison of equalization methods for lithium ...

Inconsistency among cells is a serious problem in battery energy storage systems. A quantitative analysis is provided in this study to compare the effects of methods of equalization on reducing ...



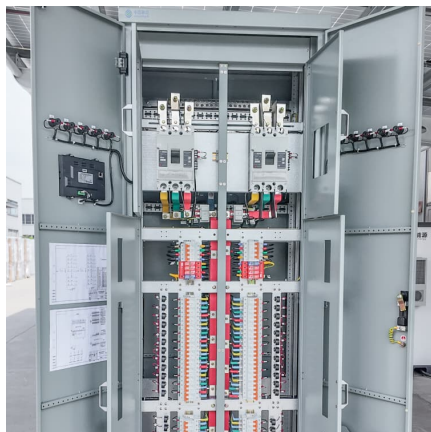
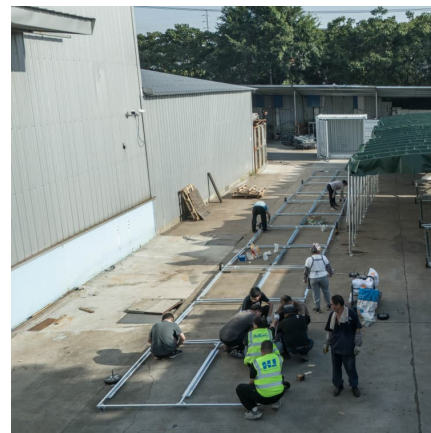


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Considering the high cost and limitations of long-distance offshore wind-power transmission in far-reaching sea, a technical route is proposed herein using ice ...

Day-ahead Dispatch Optimisation for Integrated Energy System in

This paper presents the establishment of an integrated energy system employing generalised energy storage for a building prosumer community and proposes the assessment factors of ...



Research on compressed air energy storage technology based on

Zhang Jianjun, Zhou Shengni, Li Shuaiqi, Song Wenji and Feng Ziping 2018 Current status and development trend of compressed air energy storage technology [J] New ...

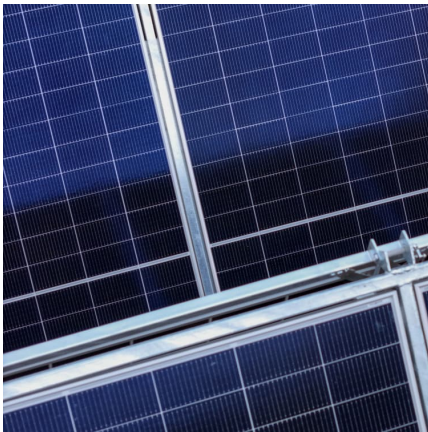
[Ziping Feng . IEEE Xplore Author Details](#)

Energy Storage Systems,Control Method,Grid Voltage,Hybrid Energy Storage System,Power Supply System,Renewable Energy,Simulation Results,Airflow,Allocation Principles,Battery ...



[Almacenamiento de energía Feng Ziping](#)

Feng Ziping , IEEE Xplore Author Details Feng Ziping was born in 1968. He is a researcher, professor and Ph. D. supervisor of the Guangzhou Institute of Energy, Chinese Academy of ...



[Mingbiao Chen's research works , Chinese Academy of ...](#)

The demand for cooling, such as that of products, spaces, and processes, has increased with the development of urbanization. Cold storage can shift the valley time of electric power to cold ...



Ziping Feng's research works , Chinese Academy of Sciences, ...

In order to realize the voltage stabilization of rail transportation traction grid efficiently, a hybrid energy storage system (HESS) composed of lithium batteries and supercapacitors is





[????????-2020?\(?23?\)?10?-????-???? ...](#)

Abstracts: Due to the advantages of both capacity and power devices, hybrid energy storage technology is suitable for the recovery and utilization of metro braking energy. In this paper, the



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Assistant Professor Feng xuning, School of vehicle and transportation, Tsinghua University
Researcher Feng Ziping, Guangzhou Institute of energy, Chinese Academy of Sciences ...



[????????-2020?\(?23?\)?10?-????-???? ...](#)

Hybrid Energy Storage System and the Parameter Design for Metro Braking Energy Recovery
LIN Shili SONG Wenji CHEN Mingbiao FENG Ziping



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???????????????????? [J]. ???????, 2021, 10 (4): 1380-1387. Yingying WANG, Dekun FU, Mingbiao CHEN, Wenji SONG, Ziping ...



[Zkg Energy \(Chongqing\) Research Institute Co., Ltd.](#)

ZKG Energy (Chongqing) Research Institute Co., Ltd. is an innovative research and development institution initiated by the Guangzhou Institute of Energy Conversion. ZKG Energy is headed by ...



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[3] Lin Shili, Song Wenji, Feng Ziping, et al. Energy management strategy and capacity optimization for CCHP system integrated with electric-thermal hybrid energy storage ...

Investigation of thermal management for lithium-ion pouch battery

In this paper, the thermal management based on phase change slurry (PCS) and mini channel cooling plate for the lithium-ion pouch battery module was proposed. The three ...





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