

DUANMU Chenrui,SHI Linjun,JIAN Deping,DING Renshan,WU Feng,LI Yang.Optimization of energy storage capacity allocation in multi-time scales cascaded hydro-wind-solar base[J].Electric Power Automation Equipment,2024,44(7):173-179 ?? ...

Energy storage is traditionally well established in the form of large scale pumped-hydro systems, but nowadays is finding increased attraction in medium and smaller scale systems.

A new battery energy storage system control method based on SOC and variable filter time constant[J]. Automation of Electric Power Systems, 2012, 36(6: 34-38.. ... Shi Linjun, Zhou Jiajia, Wen Rongchao, et al. Power smoothing control of wind power based on combination of empirical mode decomposition and wavelet analysis[J].

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Shi Linjun, Yan Zhiwei, Li Yang, Wang Zizhao, Yang Fan, Yang Dongmei. DOUBLE-LAYER COORDINATION MULTI-OBJECTIVE OPTIMIZATION STRATEGY FOR DISTRIBUTION NETWORK OPERATORS AND CUSTOMER ENERGY STORAGE PROVIDERS

Linjun Shi, Associate Professor, , ... ,1976.9, ,,,,,, ...

Pumped storage hydro (PSH) and electrochemical energy storage (EES), as common energy storage, have unique advantages in accommodating renewable energy. This ...

To reduce errors in sub-synchronous oscillation (SSO) modal identification and improve the accuracy and noise resistance of the traditional Prony algorithm, this paper focuses on SSOs caused by the integration of ...

Shi, Linjun and Cen, Zimeng and Li, Yang and Wu, Feng and Lin, Keman and Yang, Dongmei and Lee, Kwang Y., Distributed Optimization of Multi-Microgrid Integrated Energy System with Coordinated Control of Energy Storage and Carbon Emission.

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LAO Wenjie, SHI Linjun, WU Feng, YANG Dongmei, LI Yang. Adaptive Frequency Regulation of Doubly-Fed Pumped Storage Unit Considering Speed and Power Limit[J]. Journal of Shanghai Jiao Tong University, 2025, 59(1): 28-37.

Energy Storage and Utilization of Renewable Energy . EDUCATION. PhD in HVAC Engineering, Department of Building Science, Tsinghua University, 2001. Advanced Study and Training, Association for Overseas Technical ...

First, the electrochemical energy storage is added to the supplemental renewable energy system containing hydro-wind-solar to form a hybrid energy storage system with ...

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Lao Wenjie 1, Shi Linjun 1, Wang Wei 2, Yang Dongmei 2, Wu Feng 1, Lin Keman 1 1. College of Energy and Electrical Engineering, Hohai University, Nanjing 210098, China; 2. State Key Laboratory of Smart Grid Protection and Control, Nari Group Received: ...

His research interests include power system analysis and control, new energy, and energy storages applications to power systems. Affiliations: [College of Electrical and Power ...

OPTIMAL ALLOCATION OF WIND FARM ENERGY STORAGE CAPACITY BASED ON GROUP CONTROL STRATEGY Shi Linjun, Duanmu Chenrui, Yang Dongmei, Wu Feng . 2024, (7): 340 -349 . DOI: 10.19912/j.0254-0096.tynxb.2023-0404 ICP ...

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Complementary planning and operation of intermittent renewable energy with energy storage technology is a promising option to accommodate renewable energy generation. To improve the...

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Baolong Wang, Wenxing Shi, Linjun Han, Xianting Li, Optimization of refrigeration system with gas-injected scroll compressor, International Journal of Refrigeration, 2009, 32 (7):1544-1554 6. Baolong Wang, Wenxing Shi, Xianting Li, Numerical analysis on the effects of refrigerant injection on the scroll compressor, Appl. Therm. Eng. V 29, n 1, January 2009, p 37-46

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Abstract. By exploring the frequency regulation capability of doubly-fed induction machine pumped storage

hydro (DFIM-PSH) unit in pumping mode, an improved load frequency control (LFC) strategy is proposed based on deep deterministic policy gradient (DDPG) algorithm for a power system with high penetration of renewable energy and power electronics devices.

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Angewandte Chemie International Edition?Energy Storage Materials?Nano ... Linjun Zhang, Yuanyuan Xie, Hui Shi, Zhuqun Shi*, Quanling Yang, Chuanxi Xiong. Highly sensitive multifunctional electronic skin based on nanocellulose ...

RESEARCH INTERESTS. ² Research on air conditioners and heat pump systems with high seasonal energy efficiency. ² Numerical simulation of air conditioner, refrigeration and heat pump equipment oriented to performance optimization. ² Optimal design and control of the thermal storage system used in HVAC . EDUCATION. 1995.09~2000.07 Department of Thermal ...

Shi Linjun, Duanmu Chenrui, Yang Dongmei, Wu Feng. OPTIMAL ALLOCATION OF WIND FARM ENERGY STORAGE CAPACITY BASED ON GROUP CONTROL STRATEGY[J]. Acta Energiae Solaris Sinica, 2024, 45(7): 340-349. DOI: 10.19912/j.0254-0096

Linjun Shi, Associate Professor, , ... ,1976.9, ,,,,,,,????

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