



Liu Jizhen Microgrid

I received the B.Eng., M.Eng. and Ph.D. degrees in electrical engineering from North China Electric Power University, Beijing China in 2011, 2013, and 2017, respectively. I was a post-doc research ...

Xiong Liu 1, Tianyang Zhao 1 (), Hui Deng 1, Peng Wang 2, Jizhen Liu 3, Frede Blaabjerg 4. 1 Energy Electricity Research Center, Jinan University, ... Liu X, Zhao T, Deng H, et al. Microgrid Energy Management with Energy Storage Systems: A Review. CSEE Journal of Power and Energy Systems, 2023, 9(2): 483-504.

Jianghua Zhou,Zixu Liu*, Jizhen Li, Gupeng Zhang. Foreign Equity, Exporting and Firm Innovation: An Emerging Market Perspective.Journal of Technology Transfer. 2021, 46(3): 606-628. 3. Jianghua Zhou,Zixu Liu # *, Jizhen Li, Gupeng Zhang. The Effects of Collaboration with Different Partners: A Contingency Model.

Jizhen Liu View In the middle of the Middle East of the heat, two typical 300mw and 200mw heating units were used as an example, and the cutting peak of the two units increased by 21% and 14% ...

Game Analysis of Microgrid Capacity Configuration for Different Investment Modes Constrained by Loss of Power Supply Probability. Shunping JIN, Fang FANG, Zhongyan ZHU, Jizhen LIU

Wei Wang, Liu Liu, Jizhen Liu, and Zhe Chen, Fellow, IEEE Abstract--An approach to smoothing the fluctuations of large-scale wind power is investigated using vehicle-to-grid (V2G) systems. First, an energy management and optimization system is designed and modeled. By using the wavelet packet decomposition

Yanyu Wang, Wei Xie, Jizhen Li, and Chenxi Liu. What factors determine the subsidiary mode of overseas R& D by developing-country MNEs? Empirical evidence from Chinese subsidiaries abroad. R& D Management, Vol. 48(2): 253-265, 2018. Daniel Armanios, Charles Eesley, Jizhen Li, and Kathleen Eisenhardt. How entrepreneurs leverage institutional ...

7. Subrina Xirong Shen, Wesley David Sine, Ximing Yin, and Jizhen Li. Applying the Institutional Approach to Academic Entrepreneurship and University Technology Commercialization (Symposium). Academy of Management 2018 Annual Meeting, Chicago, IL. Aug. 10-14, 2018. 8. Chengcheng Liu, Jizhen Li, and Kent Jensen.

Jizhen Liu's 178 research works with 3,319 citations and 9,114 reads, including: A feature-state observer and suppression control for generation-side low-frequency oscillation...

Jizhen Liu, Member, IEEE, and Frede Blaabjerg, Fellow, IEEE Abstract--Microgrids (MGs) are playing a fundamental role in the transition of energy systems towards a low carbon future



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Microgrids (MGs) are playing a fundamental role in the transition of energy systems towards a low carbon future due to the advantages of a highly efficient network architecture for flexible ...

Abstract: Considering the high-randomness and the low-economic-benefit characteristics of the offshore wind-power-integrated multi-microgrid, a two-stage optimal scheduling method considering the uncertain power of source and load is proposed to improve the operation profits of offshore ...

Entrust Microgrid, formed in 2016, specialises in smart microgrid systems that maximise cost savings from embedded solar PV, heat pumping system, energy storage system, EV charger and other smart energy appliances. ... Professor Xiongwei Liu is the Founder and Managing Director of Entrust Smart Home Microgrid Ltd, inventor of Entrust Smart ...

Yu Songyuan, Fang Fang*, Liu Yajuan, Liu Jizhen. Uncertainties of virtual power plant: Problems and countermeasures[J]. Applied Energy, 2019, 239: 454-470. Zhang Xiaoning, Fang Fang*, Liu Jizhen. Weather-classification-MARS-based photovoltaic power forecasting for energy imbalance market[J].

Microgrid Energy Management with Energy Storage Systems: A Review Xiong Liu, Tianyang Zhao, Hui Deng, Peng Wang, Jizhen Liu, Frede Blaabjerg ; Affiliations ... Jizhen Liu School of Control and Computer Engineering, North China Electric Power University, Beijing, China

Wei Wang, Shuhao Huang, Guangming Zhang, Jizhen Liu, and Zhe Chen, IEEE, Fellow Abstract--Large fluctuations may occur on the energy supply and the load sides when large-scale renewable energies are integrated, leading to great challenges in power systems. The renewable power curtailment is especially numerous in the integrated

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