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J. Susanto, F. Shahnia, D. Sharafi, and L. Kwek, "Estimating a power system's load relief factor using the high-resolution data of fault recorders," in Proc. 9th International Conference on Power and Energy Systems (ICPES 2019), Dec 2019.

Power management system is a critical component of the system which needs Li-Ion battery packs for power supply. This paper proposes a fully-integrated, high- p ... 2019 9th International Conference on Power and Energy Systems (ICPES) Article #: Date of Conference: 10-12 December 2019 Date Added to IEEE Xplore: 02 June 2020

DOI: 10.1109/ICPES47639.2019.9105549 Corpus ID: 219313650; Study on PCB Based Litz Wire Applications for Air-Core Inductor and Planar Transformer @article{Zhang2019StudyOP, title={Study on PCB Based Litz Wire Applications for Air-Core Inductor and Planar Transformer}, author={Ruiwen Zhang and Daming Zhang and Rukmi Dutta}, journal={2019 9th International ...

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Energy Systems, ICPEs 2019, IEEE, Institute of ...

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ICPEs is the premier Power and Energy Systems conference, providing a forum for researchers, practitioners and educators to present and discuss the most recent innovations, trends, experiences and concerns in the field of Power Engineering, Renewable Energies and Energy Systems.

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This study will present realistic future power system operational scenarios with widespread EV charging stations highlighting their impact on future power system voltage profile. ... "Measurement-based Electric Vehicle Load Profile and Its Impact on Power System Operation," in 2019 9th International Conference on Power and Energy Systems, ICPEs ...

Adefarati, T, Bansal, RC, Shoeb, MA & Shahnian, F 2019, Techno-economic Effects of Renewable Energy Technologies on a Microgrid System for Residential Buildings. in 2019 9th International Conference on Power and Energy Systems, ICPEs 2019., 9105400, 2019 9th International Conference on Power and Energy Systems, ICPEs 2019, Institute of Electrical and Electronics ...

This proposed strategy is investigated first by using a simple test system, and subsequently tested by using more realistic large power system (e.g. RVS test system). ... 2019 9th International Conference on Power and Energy Systems (ICPEs) Article #: Date of Conference: 10-12 December 2019 Date Added to IEEE Xplore: 02 June 2020 ISBN ...

DOI: 10.1109/ICPEs47639.2019.9105658 Corpus ID: 219316322; Estimating a Power System's Load Relief Factor Using the High-Resolution Data of Fault Recorders @article{Susanto2019EstimatingAP, title={Estimating a Power System's Load Relief Factor Using the High-Resolution Data of Fault Recorders}, author={Julius Susanto and Farhad Shahnian ...

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DOI: 10.1109/ICPES47639.2019.9105409 Corpus ID: 219313280; Power Loss Due to Photovoltaic Module Soiling in a California Utility Scale System @article{Dolan2019PowerLD, title={Power Loss Due to Photovoltaic Module Soiling in a California Utility Scale System}, author={Johnathan Dolan and Dale Dolan and Vladimir I. Prodanov and J. K. Puckett}, journal={2019 9th ...

This paper proposes a new method for estimating system-level load relief factors based on high-resolution fault recorder data. The method infers the system load response after a contingency ...

This paper presents a probabilistic stability analysis of commercial inverters. The set of chosen inverters consists of common types of rooftop inverters for photovoltaic (PV)-system applications in the low voltage grid for low power applications below 10 kW. The main aim is to assess the stability according to the Nyquist criterion based on a comprehensive number of real ...

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