

DOI: 10.1016/j.ijhydene.2020.04.155 Corpus ID: 219410855; Model construction and energy management system of lithium battery, PV generator, hydrogen production unit and fuel cell in ...

The rapid development of renewable energy sources such as wind power has brought great challenges to the power grid. Wind power penetration can be improved by using ...

DOI: 10.1016/j.energy.2024.130516 Corpus ID: 267437175; Development of green data center by configuring photovoltaic power generation and compressed air energy storage systems

Spectral beam splitting photovoltaic/thermal (SBS-PV/T) system has been attracting a lot of interest in its ability to achieve extremely efficient full-spectrum utilization of solar energy and ...

DOI: 10.1109/TEC.2018.2860247 Corpus ID: 67871209; Generation-Storage Coordination for Islanded DC Microgrids Dominated by PV Generators ...

Gang PEI, Professor (Full) | Cited by 10,584 | of University of Science and Technology of China, Hefei (USTC) | Read 337 publications | Contact Gang PEI

In view of the energy management of highways under the influence of uncertain factors of photovoltaic power generation, the issue of swapping electric vehicles in the service area ...

Semantic Scholar extracted view of "Review on photovoltaic with battery energy storage system for power supply to buildings: Challenges and opportunities" by B. Li et al. ...

Zhao Xin-gang, Wang Wei, Wu Ling; Published 15 October 2021; Environmental Science, Economics, Engineering; Energy; View via Publisher. Save to Library ...

To improve the accuracy of wind power forecasting and suppress wind power fluctuations, a coordinated control strategy of wind-photovoltaic hybrid energy storag

Xing JU, Professor | Cited by 2,322 | of North China Electric Power University, Beijing (NCEPU) | Read 62 publications | Contact Xing JU

Taking the constant capacity of hybrid energy storage system (Hess) composed of high permeability wind frame and super capacitor as the standard, in order to ensure ...

Due to the mature technology, wind-photovoltaic (wind-PV) power generation is the main way and inevitable

choice to form a new power system with renewable energy ...

Gaosheng Wei*, Gang Wang, Chao Xu, Xing Ju, Lijing Xing, Xiaoze Du, Yongping Yang. ... Yi Jin, Xing Ju, Xiaoze Du. Efficiency analyses of high temperature thermal ...

Gaosheng Wei; Gang Wang ... molten salt can enhance its utility as a thermal energy storage material for concentrating solar power plants. ... to be an important future research trend in solar ...

Thermal energy storage: Absorption thermal battery; Energy storage cycle; ... Gang Liu, Wei Wu*, Shengming Liao*. Performance evaluation of distributed energy system integrating ...

Web: <https://ssn.com.pl>

