

I am a Professor in the College of Energy Engineering at Zhejiang University. My research interest is LNG cold energy utilization, hydrated based desalination and energy process design and ...

Abstract: Compact phase-change energy storage refrigeration system, which cools the short-time high-power electronic appliances directly, is an important thermal management system. The ...

In this paper, the strategic position and role of energy storage under the goal of "carbon peak neutral and carbon neutral" in China are expounded, the present development situation and ...

According to statistics from the CNESA global energy storage project database, by the end of 2020, total installed energy storage project capacity in China (including physical energy storage, electrochemical energy ...

BEIJING, Oct. 18, 2021 - The Wei 11 gas storage facility built by China Petroleum & Chemical Corporation's (HKG: 0386, "Sinopec", "the Company") in its Zhongyuan Oilfield region ...

The project of cold energy utilization for cold storage of Xingtian LNG satellite station is the first cold energy utilization demonstration project of LNG satellite station in China ...

China University of Petroleum (East China) - 899 - Process systems engineering? - Power-to-X? - Process Safety? - Electrification? - Data-driven Optimization? ... Institute of ...

China's energy consumption has also increased rapidly in the past decade [17]. China's primary energy consumption was 3.27 billion tons of oil equivalent in 2018, which was ...

The China Energy Outlook (CEO) provides a detailed review of China's energy use and trends. China is the world's largest consumer and producer of primary energy as well as the world's largest emitter of energy-related carbon dioxide ...

5 - China market: Pumped Hydro Storage share falls below 50% for the first time. Non-hydro Storage accumulative installations surpass 50GW for the first time. According to CNESA DataLink's Global Energy Storage Database, ...

China University of Petroleum (East China) ... Droplet phase change is important for energy storage and saving technology. ... The need for refrigeration requirement for the operation of ...

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