

Based on spherical fuzzy sets, cumulative prospect theory and VIKOR, this paper constructs a novel combined research framework to analyze the risk of zero-carbon salt cavern compressed ...

As climate change accelerates, alongside rising energy demands and intermittent renewable resources, integrated energy systems urgently require strategies that achieve deep ...

This research offers a solution with enhanced stability and lower energy supply costs for offshore islands, contributing to the advancement of zero-carbon offshore integrated energy technologies.

Through this research, a solution with greater stability and lower energy supply costs is provided for the energy supply of low-latitude offshore islands, which holds substantial importance for ...

With the rising demand for "zero-carbon" energy solutions in buildings, there is an increasing focus on technologies such as photovoltaics and energy storage. Nonetheless, achieving a ...

Without a global energy storage target, the goals of tripling renewables by 2030 and meeting the Paris Agreement are at risk. A six-fold increase in global energy storage capacity by 2030 is ...



Zero carbon energy storage

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