

Furthermore, the effects of carbon reduction and economic evaluations of these plans are discussed. The results indicate that the established zero-carbon park framework can achieve the ...

In 2024, a plan was unveiled to build a zero-carbon park in Beijing's Daxing District. Provinces and regions like Guangxi, Yunnan and Fujian have included zero-carbon park construction ...

Eight key innovations, including a full green energy supply, an intelligent carbon management platform, international net-zero industrial park standards, and a comprehensive "wind ...

Abstract. Industrial parks are the central units for the development and aggregation of industries, playing an important role in implementing China's "dual-carbon" strategy. Zero-carbon industrial parks ...

GCL is to build up green energy consumption utilities such as "zero-carbon industrial park", "zero-carbon smart city", and "mobile energy operation", by fully developing the grand "wind, PV, energy storage ...

In this study, a multi-objective optimization model was established to quantitatively develop low-carbon development strategies for industrial parks that simultaneously considers land ...

This perspective aims to enhance understanding of industrial decarbonization strategies (e.g., carbon capture, utilization, and storage [CCUS] and hydrogen) at industrial hubs. We ...

Abstract This article is devoted to discussing the feasibility and the optimal scheme to implement an electric-thermal carbon emissions neutral industrial park and perform a 3E analysis on ...



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