

Dual carbon target new energy energy storage photovoltaic

Will new energy vehicles and battery energy storage contribute to China's 'double carbon' goal? New energy vehicles and battery energy storage will make important contributions to China's realization of the "double carbon" goal (Lin and Yang 2022; Zahoor et al. 2023).

Is a "dual carbon" target necessary?

A "Dual Carbon" target is necessaryto solve this dilemma. After decades of continuous follow-up and systematic evaluation, the Intergovernmental Panel on Climate Change (IPCC) finds that human activities represented by the large-scale exploitation of fossil fuels are the main reason leading to global warming.

Does a "double carbon" goal increase pressure of power structure transformation?

Provided by the Springer Nature SharedIt content-sharing initiative The proposal of "double carbon" goal increases the pressure of power structure transformation. This paper sets up two scenarios according to th

What is dual control of energy consumption?

The dual control of energy consumption is typically overseen and implemented through a government assessment system, leading to a higher incidence of policy tools related to system planning and organizational coordination.

Can regulatory competition support or impede the achievement of dual carbon objectives?

These results contribute to understanding how regulatory competition among local governments can support or impede the achievement of dual carbon objectives, emphasizing the need for a competitive yet collaborative regulatory environment to enhance the benefits of renewable energy innovations. 1. Introduction

How much CO2 is reduced by solar photovoltaics in China?

Moreover, through worldwide international trade in solar photovoltaics, China has produced a reduction of over 1000 kgtonsof CO2 each year and reached nearly 13000 kgtons in 2016 (Liu et al., 2019).

"dual carbon" target, and energy storage technology is one of the important supporting technologies to fulfill the "dual carbon" goal. As a key development area of the National "2025" ...

The "Outline" pointed out that speed up the development of non-fossil energy, adhere to both centralized and distributed, vigorously increase the scale of wind power and photovoltaic power generation, accelerate the ...



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