

How can a 'dual carbon' approach improve energy policy implementation?

ResearchGate

China has promised to achieve the 'dual-carbon' goal in order to reduce climate warming caused by human-induced CO<sub>2</sub> emissions, accelerate the transition of the electricity system toward renewable ...

In order to cope with the increasing shortage of fossil fuels and a series of threats brought by global climate change, and achieve the goal of "dual carbon", the proportion of renewable energy such as ...

This study attempts to analyze the RE trends of the REP in the past decade based on existing studies and explore the future China economic impacts through the discourse analysis of ...

The implementation path of the 'dual carbon' goals was summarised. The study found that China's energy policy under 'dual carbon' target has undergone four development stages before ...

Under the background of "dual carbon," the power industry, as a pillar industry of the national economy, is ushering in changes. Based on the data of listed companies in the electric ...

This paper summarizes and analyzes the background of the "dual carbon" goals, the impact of the policy on the current economic development, the existing problems in the process of new energy ...

With climate change and the urbanised population increasing, people choose to use Container Farms (CFs) to secure a stable supply of vegetables in the city, while maintaining the man ...

Focusing on the photovoltaic (PV) industry, this study carries out a carbon footprint analysis in the context of dual-carbon to gain a comprehensive understanding of the current status of PV modules in ...

A larger ship size choice can obtain better carbon emission reduction for the carbon emission reduction investment program using alternative fuels. The recommended options of using ...

As an important strategic energy base in China, Inner Mongolia's energy exports are dominated by coal and electricity. Under the background of "double carbon" target, the energy ...

It summarizes the future development trend of conventional cold store refrigeration and the advantages and disadvantages of clean energy refrigeration. Then, combined with the dual ...

The determination of "dual-carbon" puts forward more stringent requirements for methane emission reduction

# Solar container development under the background of dual carbon

in the coal industry. Gas extraction technology, as an important means ...

In the dual-carbon context, in order to ensure the sustainable development of green and low-carbon paths, we must practice the path of clean development. As a basic condition for green and low ...

In order to fill this research gap, under the background of carbon neutral, this study establishes a tripartite evolutionary game model comprised by the Carbon Exchange (CE), Solar ...

he Kyoto Protocol (Kyoto Protocol) have laid the foundation for the construction of the carbon financial system. Carbon finance is the essence for coping with global warming, achieving green low carbon ...

Under the guidance of the dual-carbon target, the development of the carbon financial system is of great significance to compensate for the gap between green and low-carbon investment.

Under the dual-carbon background, cold chain transportation should develop twin objectives of optimal control of product temperature and quality as well as energy conservation and ...

To maintain the healthy and sustainable development of renewable energy and achieve carbon neutrality, the authors propose strengthening the top-level design and carefully planning the scale, ...

Under the dual carbon goal, the deep decarbonization of the energy system is imperative. This paper analyzes the policy under the dual carbon goal and focuses on the current physical and chemical ...

With the objectives of technological innovation and equipment upgrading, we have conducted an in-depth study of the key aspects of coal mine methane emission reduction that should be developed in ...

This paper provides long-term projections of the development of and carbon emissions from the PV industry, and assesses the contribution of the PV industry to China's carbon peak and ...



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