

Value-added income of energy storage power station





Overview

With the determination of carbon peak and neutrality targets, and the need for the construction of new power systems, it is crucial for the high-quality development of the energy storage industry. This study aims t.

What should the government do about energy storage?

The government should implement continuous, stable and consistent macro policies to promote the reform of the power market, accelerate the effective connection of energy storage participation in the power market, enhance the economy of energy storage allocation, and fundamentally improve the initiative of energy storage application.

How to evaluate the value-added capacity of energy storage industry?

Based on the "smiling curve" theory, we evaluate the value-added capacity of energy storage industry. Using the Principal Component Analysis method, we excavate the driving factors that affect value-added capabilities. Adopting the three-stage DEA-Malmquist index methods to analyze the efficiency differences of each link of the value chain.

Does value-added efficiency of energy storage enterprises improve after 2019?

The results demonstrate that the value chain presents an arc-shaped smile, and the overall value-added capacity has improved after 2019, but the midstream link is still weak. The main driving factors of value-added efficiency of energy storage enterprises in different links are quite different.

How to measure value-added efficiency of energy storage industry?

Therefore, the value-added efficiency of the energy storage industry is measured according to the input indicators, output indicators and external environment indicators that affect the value-added capacity in the above.



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The Economic Value of Independent Energy Storage Power Stations ...

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