

Should the electricity bill for the energy storage project be paid to the power supply bureau





Overview

How are energy storage revenue sources categorized?

In the existing literature, the categorization of revenue sources related to energy storage primarily focuses on arbitrage revenue and subsidy revenue, with inadequate statistical analyses of revenue from power ancillary services, and this fails to reflect the current state of the Chinese electricity market.

Are auxiliary services a revenue source for energy storage?

However, the currently measurable revenue sources related to auxiliary services from energy storage devices only include peak shaving, frequency regulation, and system reserve services. Therefore, in this study, we have constructed a revenue model for energy storage based on the five revenue sources observed in the Chinese power market.

Why is energy storage a key issue in China's power system?

Author to whom correspondence should be addressed. The construction and development of energy storage are crucial areas in the reform of China's power system. However, one of the key issues hindering energy storage investments is the ambiguity of revenue sources and the inaccurate estimation of returns.

Does energy storage contribute to economic changes in power operations?

Considering the existing literature on energy storage selection and profitability dimensions, it is commonly observed that studies focus on power systems or microgrids as research subjects, and analyze the economic changes brought about by energy storage participation in power operations.



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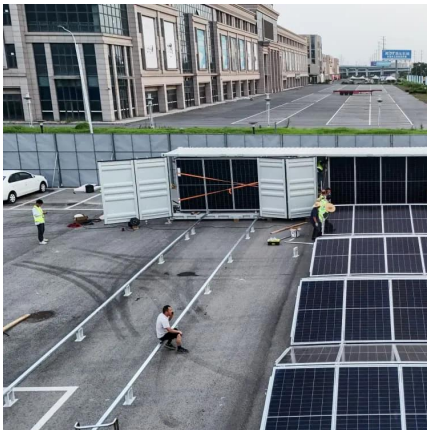
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