

Why do energy storage resources face administrative barriers to integration and development?

Specifically, energy storage resources in China face administrative barriers to integration and development, because existing industry rules and regulations do not accurately reflect the flexible nature of energy storage resources.

Are energy storage barriers administrative in nature?

Recognizing both the importance of energy storage technologies in China's current energy transformation and its barriers to development, this paper contributes and argues that such barriers are administrative in nature.

What are the administrative barriers faced by emerging energy storage technologies?

A consistent theme throughout this paper's discussion on the administrative barriers faced by emerging energy storage technologies has been focused on identifying characteristic elements of China's electricity sector that produce uncertain outcomes. Specifically, storage technologies cannot easily conform to the existing rules and regulations.

What are the challenges in the application of energy storage technology?

There are still many challenges in the application of energy storage technology, which have been mentioned above. In this part, the challenges are classified into four main points. First, battery energy storage system as a complete electrical equipment product is not mature and not standardised yet.

Should energy storage systems be deployed alongside renewables?

Energy storage systems must be deployed alongside renewables. Credit: r.classen via Shutterstock. At the annual Conference of Parties (COP) last year, a historic decision called for all member states to contribute to tripling renewable energy capacity and doubling energy efficiency by 2030.

Should energy storage systems be encouraged?

Energy storage systems will be encouraged through these measures. In addition, regarding the advantages of proven new energy storage systems, especially concerning energy security and environmentally friendliness, it is better that stakeholders prefer the utilization of energy storage systems.

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