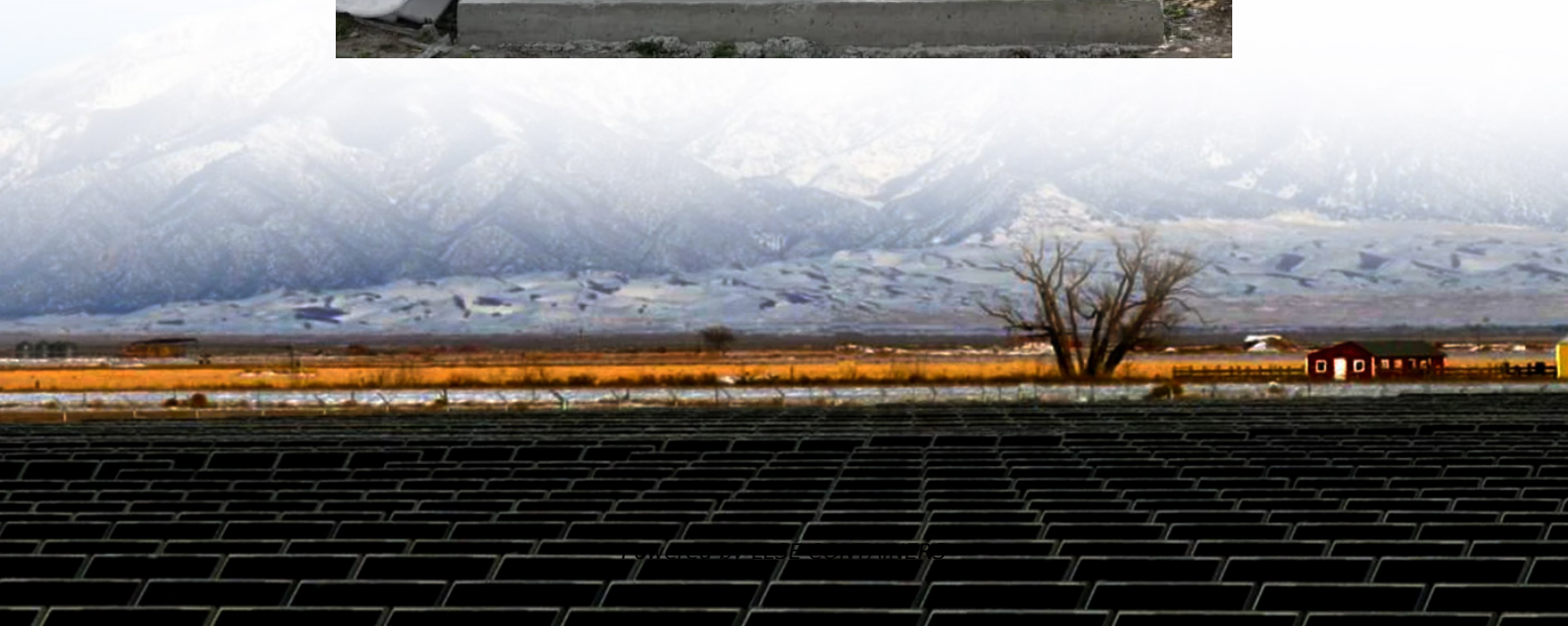


Enterprise cooperation mode of solar energy storage





Overview

How do we integrate storage sharing into the design phase of energy systems?

We adopt a cooperative game approach to incorporate storage sharing into the design phase of energy systems. To ensure a fair distribution of cooperative benefits, we introduce a benefit allocation mechanism based on contributions to energy storage sharing.

What is the capacity price model of shared energy storage?

The capacity price model of shared energy storage is established based on the charge and discharge demand of renewable energy cluster and can help shared energy storage to assist in tracking the power generation plan of renewable energy.

How can shared storage improve energy systems?

By integrating shared storage into these projects, system operators can better manage their energy resources, improve grid stability, and support the transition to renewable energy sources. This model fosters participants cooperation and investment, leading to more sustainable and resilient energy systems. 6. Conclusions.

What is shared energy storage mode?

The SO invests in and operates the shared storage. The shared energy storage mode is characterized by the following key features. (a) Contractual agreement: The SO and prosumers enter into a contractual arrangement wherein prosumers purchase capacities from the SO.



Enterprise cooperation mode of solar energy storage



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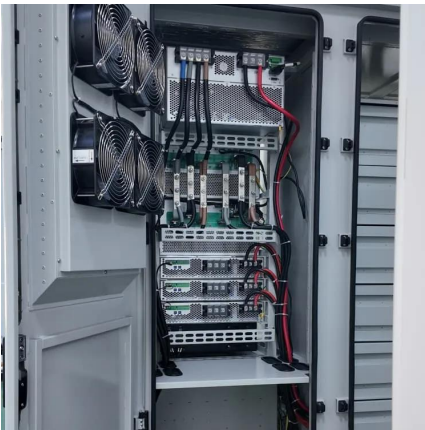
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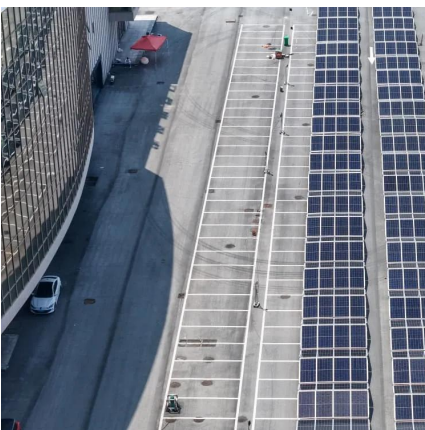
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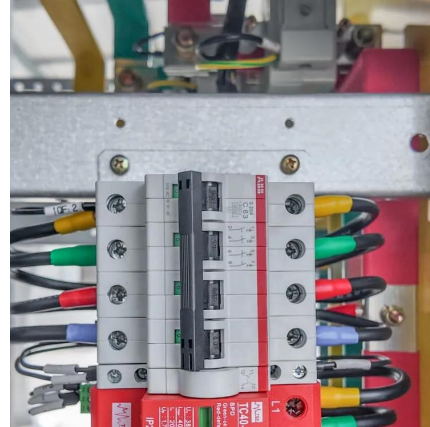
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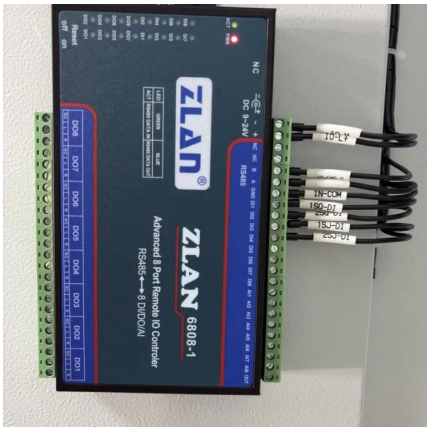
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