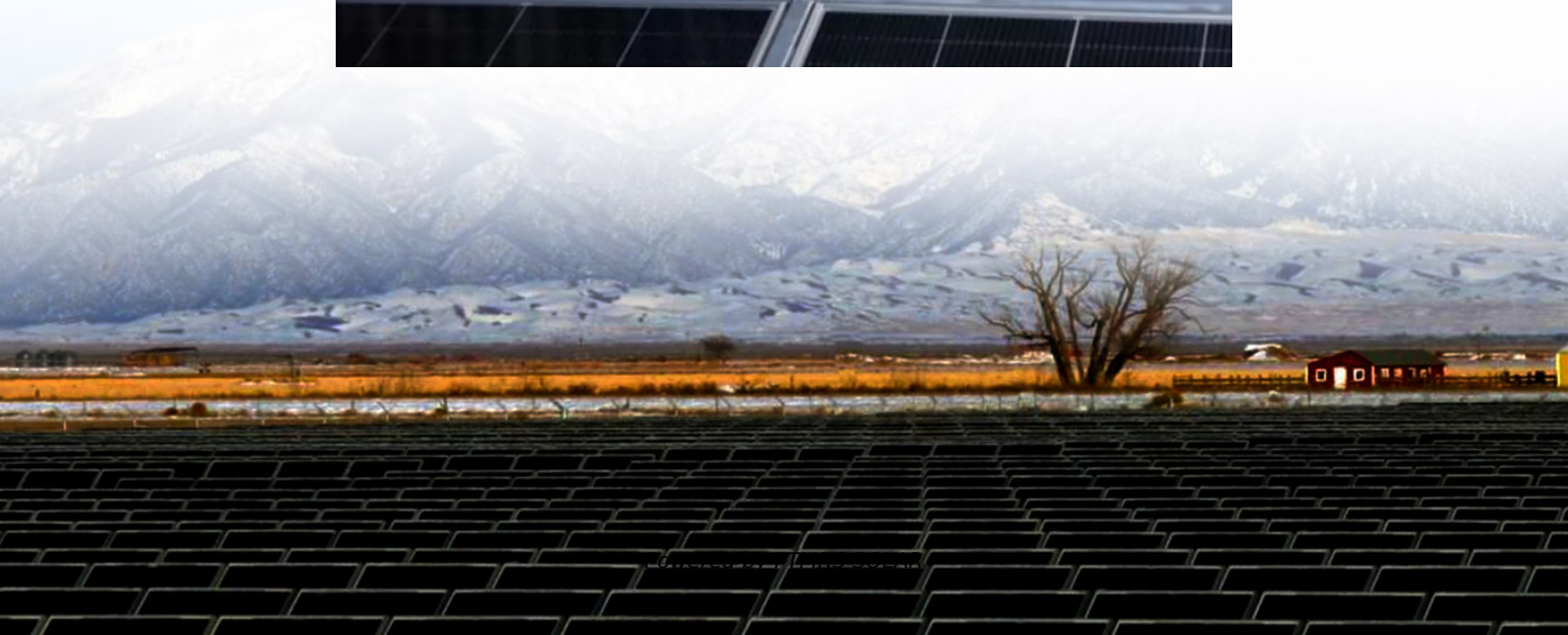


Household Energy Storage Project Implementation Plan





Overview

Household photovoltaic (PV) is booming in China. In 2021, household PV contributed 21.6 GW of new installed capacity, accounting for 73.8 % of the new installed capacity of distributed PV. However, du.

What is the implementation plan for the development of new energy storage?

In January 2022, the National Development and Reform Commission and the National Energy Administration jointly issued the Implementation Plan for the Development of New Energy Storage during the 14th Five-Year Plan Period, emphasizing the fundamental role of new energy storage technologies in a new power system.

How can Household PV energy storage system improve energy utilization rate?

In addition, in order to further improve the energy utilization rate and economic benefits of household PV energy storage system, practical and feasible targeted suggestions are put forward, which provides a reference for expanding the application channels of distributed household PV and accelerating the development of distributed energy.

How to promote the implementation of independent energy storage stations?

To promote the implementation of independent energy storage stations, it is necessary to further optimise the electricity market mechanism. segments and targets. Investor participation is beneficial for the development of the energy storage industry.

What is the operation mode of a household PV storage system?

The operation mode is that the PV is self-generation and self-consumption, and the surplus PV power is connected to the grid. According to the optimized configuration results of energy storage under the grid-connected mode, the detailed operation of the household PV storage system in each season in Scenario 4 is shown in Fig. 21, Fig. 22, Fig. 23.



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2021 Five-Year Energy Storage Plan

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Household off-grid energy storage project plan

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