

14th Five-Year Plan for New Energy Storage

What is the 14th five-year plan for the energy sector?

On 22 March 2022, China released the 14th Five-Year Plan for the energy sector, covering development plan through 2025. The 14th FYP discloses key 2025 objectives in four categories - supply security, system transition, efficiency, and innovation - to guide the energy sector toward the modern energy system.

What are the Development Goals for new energy storage in China?

The plan specified development goals for new energy storage in China, by 2025, new energy storage technologies will step into a large-scale development period and meet the conditions for large-scale commercial applications.

When will the 14th FYP for energy be presented?

Based on the timeline of previous five-year plans for energy, it is expected that the 14th FYP for energy will be presented approximately one year into the five-year period. ? One of the main topics to be addressed in the 14th FYP will be how to secure energy supply while not depending on expensive imported energy.

Who will be responsible for the 14th FYP for energy?

Sector-specific plans for each ministry and key industry will follow. For energy, the National Energy Administration (NEA) will be responsible. Based on the timeline of previous five-year plans for energy, it is expected that the 14th FYP for energy will be presented approximately one year into the five-year period.

What is the 14th Five-Year Plan (FYP)?

To meet the Paris Climate Agreement goal of keeping global climate change below 2 degrees C, the 14th Five-Year Plan will be crucial to keeping carbon emissions within the global carbon budget. ? The National Development and Reform Commission (NDRC) is responsible for coordinating the FYP process.

How will energy storage technology evolve in 2030?

Mechanical energy storage technologies such as megawatt-scale flywheel energy storage will gradually become mature, breakthroughs will be made in long-duration energy storage technologies such as hydrogen storage and thermal (cold) storage. By 2030, new energy storage technologies will develop in a market-oriented way.

Implementation Plan for the Development of New Energy Storage in the 14th Five Year Plan New energy storage is an important technology and infrastructure for building a new type of power ...

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Following the release of China's 14th Five-Year Plan (FYP) on the overall energy sector covering 2021-25, the National Development Reform Committee (NDRC) announced China's 14th FYP on renewables in June ...

By July 2022, the Chinese energy authorities have issued three major policies for the 14th Five-Year (2021-2025) and mid- to long-term (2035) development of the energy storage sector ...

The "14th Five-Year" Development Plan for Emerging Businesses proposes that during the "14th Five-Year Plan" period, in promoting the realization of the carbon peaking and ...

This article summarizes the energy-related content of the current 14th Five-Year Plan and the 2035-year long-term goals of various localities as follows: Guangxi builds a ...

It aims to grasp the strategic window period of the development of new energy storage in the 14th five year plan, accelerate the large-scale, industrialized and market-oriented development of new energy storage, and ...

On October 8, Shanxi Provincial Energy Bureau released the "14th Five Year Plan" Implementation Plan for the Development of New Energy Storage, which specified that ...

On December 9, the first batch of new energy storage demonstration projects during the "14th Five Year Plan" in Zhejiang Province - Tongxiang City Rongxiang Dyeing and ...

The 14th "Modern Energy" Five-Year Plan, the overarching FYP for different energy sectors released in February, has crystalized these strategy changes. Energy security has become the No.1 priority of the top authority in ...

The National Energy Administration and the Ministry of Science and Technology recently issued the "14th Five-Year Plan for Energy Sector Science and Technology Innovation Plan", which clarified the overall goals of ...

This document identifies energy storage as a key element of the decarbonisation of the sector and support energy security. It promotes the high-quality and large-scale development of new ...

Energy and climate indicators are included under "new progress of ecological civilisation", which is one of the six overarching economic and social development goals of the ...

China | Policy | This plan explicitly mentions global climate governance and the ongoing low-carbon transformation of the energy and industry sectors. It seeks to coordinate measures to ...

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