

Latest version of national energy storage development policy





Overview

China's National Energy Administration (NEA) has released the China New Energy Storage Development Report 2025, marking the first official and comprehensive government report dedicated to the country's rapidly advancing new energy storage (NES) sector.

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BEIJING, Sept. 12 -- China on Friday unveiled an action plan to promote the development of new forms of energy storage between 2025 and 2027, amid efforts to support green energy transition and ensure the stability of new-type power systems. The country aims to achieve more than 180 million.

Announced by the National Development and Reform Commission (NDRC) and the National Energy Administration (NEA), the new plan is expected to drive CNY 250 billion (approximately \$35 billion) in sector investment. China aims to add more than 100 GW of new energy storage (primarily battery storage).

The policy aims to achieve large-scale application of semi-solid-state batteries and finalize the technology for all-solid-state batteries by 2027, helping to boost new-type ESS installations to over 180 million kW and drive direct investment of approximately 250 billion yuan. SMM September 17.

China, which already boasts the world's largest energy-storage capacity, is set to nearly double that level by 2027, with an anticipated investment of 250 billion yuan (US\$35 billion), according to Beijing's latest action plan. As outlined in the action plan, China's "new-energy storage system".



Stepping up efforts to develop new energy storage technologies is critical in driving renewable energy adoption, achieving China's 30/60 carbon goals, and establishing a new power system. In January 2022, the National Development and Reform Commission and the National Energy Administration jointly. 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.

Does the energy storage strategic plan address new policy actions?

This SRM does not address new policy actions, nor does it specify budgets and resources for future activities. This Energy Storage SRM responds to the Energy Storage Strategic Plan periodic update requirement of the Better Energy Storage Technology (BEST) section of the Energy Policy Act of 2020 (42 U.S.C. § 17232 (b) (5)).

How long does energy storage last in 2024?

Highlights from the 2025 Energy Storage Report According to the NEA, 2024 saw the addition of 42.37 GW / 101 GWh in new NES capacity. The average storage duration rose to 2.3 hours, reflecting ongoing improvements in system design and grid integration.

Why are energy storage technologies important?

They are also strategically important for international competition. KPMG China and the Electric Transportation & Energy Storage Association of the China Electricity Council ('CEC') released the New Energy Storage Technologies Empower Energy Transition report at the 2023 China International Energy Storage Conference.

Does Cnesa have a role in China's new energy storage capacity?

CNESA's involvement reflects the report's collaborative yet government-led nature, ensuring data integrity and broad sectoral representation. The most notable finding: by the end of 2024, China had reached 73.76 GW / 168 GWh in cumulative new energy storage capacity—an increase of more than 130% year-on-year.

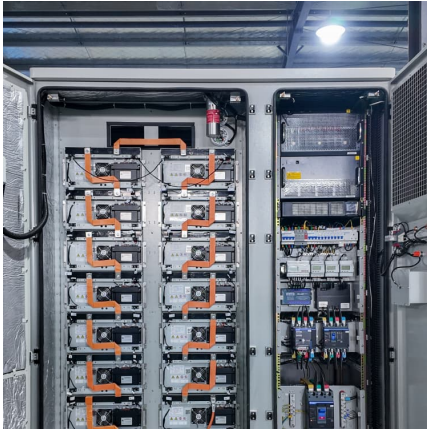


How much money did energy storage companies raise in 2022?

In 2022, they accounted for 90% of global energy storage-related fundraising deals (China for 46%, the US for 31%, and Europe for 13% respectively), raising USD 2.9 billion, USD 2 billion, and USD 800 million, respectively (Figure



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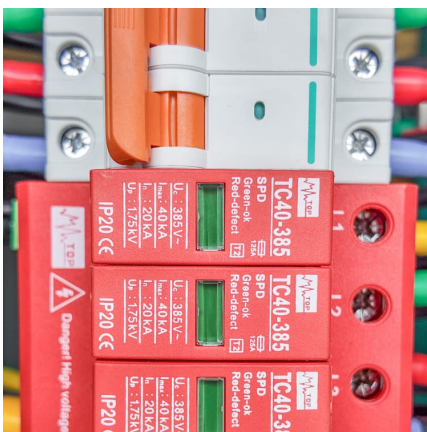


[Proposal \(abbreviated version of Report\)](#)

Executive Summary The overarching mission of Namibia's National Renewable Energy Policy is to enable access to modern, clean, environmentally sustainable, and affordable energy ...

[Energy Storage Strategy and Roadmap, Department ...](#)

The Department of Energy's (DOE) Energy Storage Strategy and Roadmap (SRM) represents a significantly expanded strategic revision on the original ...



MME, ADB Present New Power Development Masterplan and National Energy

AKP Phnom Penh, March 16, 2023 --The Ministry of Mines and Energy (MME) and the Asian Development Bank (ADB) hosted an Energy Forum to present Cambodia's recently approved ...

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National Energy Policy and Strategies of Sri Lanka I, Ravi Karunanayake as the Minister of Power, Energy and Business Development do hereby publish the National Energy Policy & ...



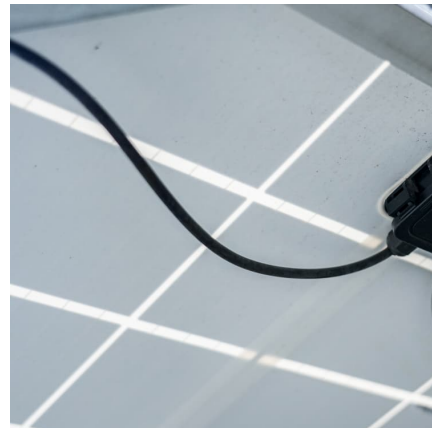
ENERGY ACTION PLAN UPDATE

The short-term objective Our long-term objective of the Energy Action Plan is is to end load shedding to reduce the severity and altogether and achieve frequency of load shedding energy ...



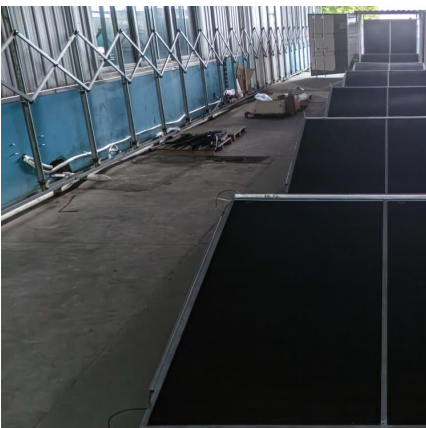
Thailand Power Development Plan

The new PDP called "Thailand Power Development Plan 2015-2036 (PDP2015)" focuses on (1) Energy Security: coping with the increasing power demand to correspond to ...



Strengthening Standards for New Energy Industry Development ...

By August 2024, the Ministry plans to release the "Energy Storage Industry Standardization Construction Guidelines (2024 Version)," with the goal of establishing over 60 ...





[14th Five-Year Plan: New Energy Storage Development ...](#)

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 Storage System (ESS) Roadmap for India: 2019-2032 by ...

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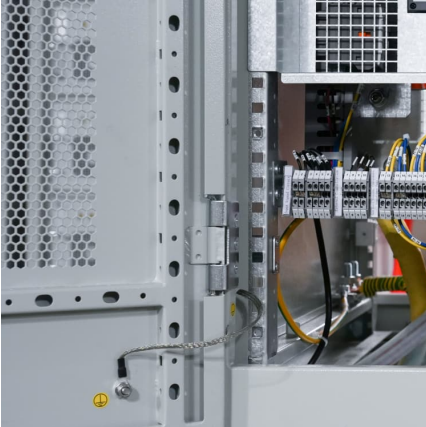
2021 Five-Year Energy Storage Plan

The Electricity Advisory Committee (EAC) submitted its last five-year energy storage plan in 2016.¹ That report summarized a review of the U.S. Department of Energy's (DOE) energy ...



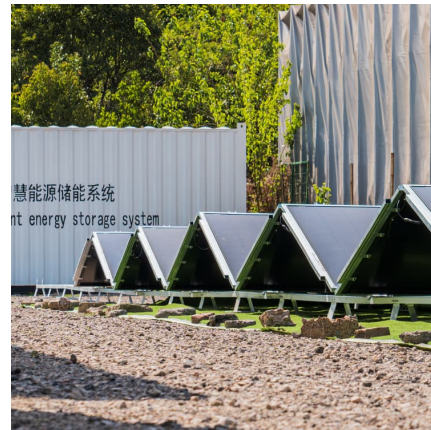
China targets 180 GW of new energy storage by 2027 in ambitious national

5 ???· Announced by the National Development and Reform Commission (NDRC) and the National Energy Administration (NEA), the new plan is expected to drive CNY 250 billion (\$35.1 ...



[National framework for promoting energy storage systems](#)

Government of India has issued a national framework for promoting energy storage systems to support the development and deployment of ESS through policy and ...

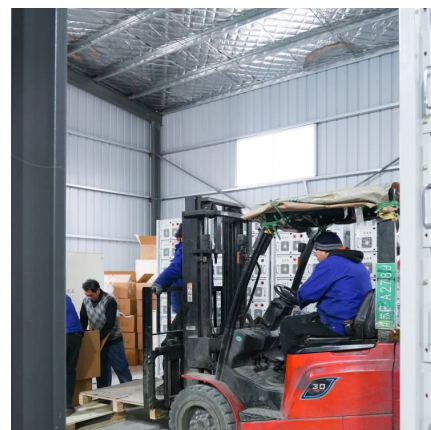


[New Energy Storage Technologies Empower Energy ...](#)

Based on a brief analysis of the global and Chinese energy storage markets in terms of size and future development, the publication delves into the relevant business models and cases of new ...

National Energy Policy 2025 - 2034

Preface The National Energy Policy 2025-2034 is a significant milestone in Kenya's ongoing transformation towards a sustainable, inclusive, and resilient energy future. Energy is at the ...



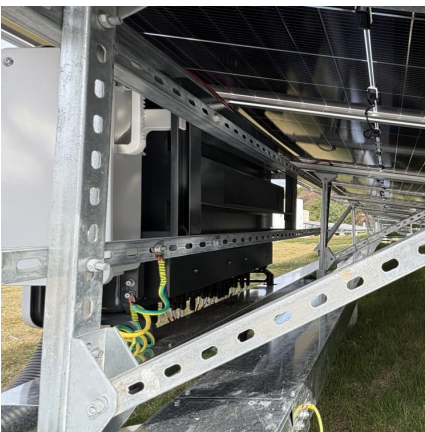
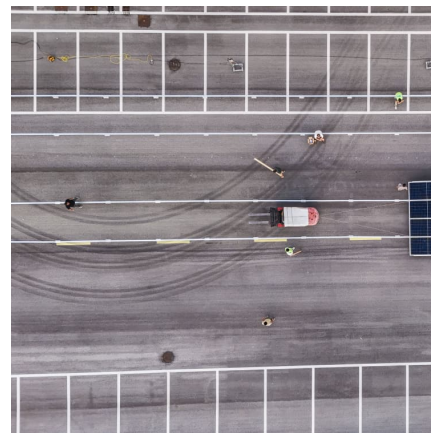


China issues action plan to promote manufacturing of new-type energy

Support research and development of key technologies for new-type energy storage systems. Carry out pilot projects using new-type energy storage systems in different scenarios. Develop ...

NATIONAL ENERGY POLICY, 2015

FOREWORD Energy Sector plays an important role in the socio-economic development of any country. To ensure effective management of the sector, the Government of Tanzania launched ...



[Smart grid and energy storage: Policy recommendations](#)

The authors support defining energy storage as a distinct asset class within the electric grid system, supported with effective regulatory and financial policies for development ...

SEIA Announces Target of 700 GWh of U.S. Energy Storage by ...

WASHINGTON D.C. -- The Solar Energy Industries Association (SEIA) is unveiling a vision for the future of energy storage in the United States, setting an ambitious ...



[Latest national energy storage policy](#)

How effective is energy storage policymaking? Yet the most effective approaches to energy storage policymaking are far from clear. This report, published jointly by ...



China unveils three-year action plan to boost new-type energy ...

5 ???· China on Friday unveiled an action plan to promote the development of new forms of energy storage between 2025 and 2027, amid efforts to support green energy transition and ...



State of Energy Policy 2024

State of Energy Policy 2024 INTERNATIONAL ENERGY AGENCY The IEA examines the full spectrum of energy issues including oil, gas and coal supply and demand, renewable energy ...





[NATIONAL FRAMEWORK FOR PROMOTING ENERGY...](#)

To foster innovation and research for improving the performance, safety, and cost-effectiveness of energy storage technologies and development of new energy storage technologies.



Interpretation of Solid-State Batteries in the "Action Plan for Large

8 ????· On September 12, 2025, the National Development and Reform Commission (NDRC) and the National Energy Administration issued a notice on the "Action Plan for Large ...

[China aims to nearly double battery storage by 2027 ...](#)

5 ???· China is looking to almost double its so-called new energy storage capacity to 180 gigawatts (GW) by 2027, according to an industry plan ...



[Industry News -- China Energy Storage Alliance](#)

Actively Exploring Energy Storage Application Scenarios In the era when the industry is fully shifting toward marketization, the reform of the ...



[Energy Storage Systems \(ESS\) Policies and Guidelines](#)

Explore policies and guidelines for Energy Storage Systems (ESS) by the Ministry of New and Renewable Energy, India, promoting sustainable energy solutions.



Battery Storage Unlocked: Lessons Learned From Emerging ...

Lessons Learned from Emerging Economies The Supercharging Battery Storage Initiative would like to thank all authors and organizations for their submissions to support this publication. This ...



[New Energy Storage Technologies Empower Energy ...](#)

Foreword Stepping up efforts to develop new energy storage technologies is critical in driving renewable energy adoption, achieving China's 30/60 carbon goals, and establishing a new ...





The 14th Five-Year Plan for the Development of New Energy Storage ...

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