



National energy storage development announcement

What is 'developing new energy storage' in 2024?

In 2024, "developing new energy storage" was included in the government work report for the first time. The recently enacted Energy Law of the People's Republic of China stipulates the promotion of high-quality development of new energy storage and the role of various storage technologies in regulating the power system.

Will China's new energy storage sector grow in 2024?

BEIJING -- China's new energy storage sector has seen a rapid growth in 2024, with installed capacity surpassing 70 million kilowatts, said an official with the National Energy Administration (NEA).

What is new energy storage?

New energy storage refers to energy-storage technologies other than conventional pump storage. An energy-storage system charges when wind power or photovoltaic power generates a large volume of electricity or when the power consumption is low, and it discharges otherwise. China's operational efficiency of new energy storage continues to improve.

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.

What does OE's new RD&D report mean for energy storage?

New Report Showcases Innovation to Advance Long Duration Energy Storage (LDES): OE today released its new report "Achieving the Promise of Low Cost LDES." This report is one example of OE's pioneering RD&D work to advance the next generation of energy storage technologies.

What did OE announce at the energy storage Grand Challenge summit?

OE made these announcements at its 4th Annual Energy Storage Grand Challenge Summit bringing together stakeholders who will shape the future of the electricity infrastructure through next-generation energy storage solutions.

Secretary Jennifer Granholm and Deputy Secretary Dave Turk led the U.S. Department of Energy (DOE) delegation to Baku, Azerbaijan for the 29th Conference of the ...

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This notice of funding opportunity from the U.S. Department of Energy will provide up to \$46 million to accelerate the research, development, and demonstration of ...

The U.S. Department of Energy (DOE) announced \$63.5 million for four transformative technologies through the Seeding Critical Advances for Leading Energy ...

The Office of Electricity announced \$5 million each to 3 grid-scale energy storage projects that support critical facilities and infrastructure in a power outage or other ...

The Department of Energy's (DOE's) National Energy Technology Laboratory (NETL), on behalf of the Office of Electricity (OE), is releasing a funding opportunity announcement (FOA) to solicit ...

The pledge represents a more than fivefold jump in "active investments" and could enable 100% U.S.-made supply for domestic battery storage projects, the American ...

Prime Minister Mark Carney's long-anticipated first phase of nation-building projects includes a liquefied natural gas (LNG) expansion project and ...

Governor Kathy Hochul today announced the launch of New York's first Bulk Energy Storage Request for Proposals (RFP), intended to procure one gigawatt (GW) of bulk ...

A research and development project managed by NETL with the University of Utah and industry partner Zephyr Energy plc has unlocked the potential to produce significant volumes of natural ...

The New York State Energy Research and Development Authority (NYSERDA) today announced over \$5 million is now available to support innovative energy storage ...

China aims to further develop its new energy storage capacity, which is expected to advance from the initial stage of commercialization to large-scale development by 2025, with ...

On November 10, 2020, the National Energy Administration published a list of its first batch of science and technology innovation (energy storage) pilot demonstration projects. The list of ...

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 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 ...

Ofgem has launched a new cap and floor investment support scheme, unlocking billions in funding to build



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major Long Duration Electricity Storage projects for the first time in ...

8 · The project has been fast-tracked via Victoria's Development Facilitation Program. Image: Trina Solar (LinkedIn). Chinese PV module manufacturer Trina Solar has received the ...

In a recent announcement, the National Energy Administration (NEA) said that the new energy storage in China has achieved a milestone in 2024, with the rise in the ...

The pledge includes investment in new battery manufacturing facilities and procurement of US batteries for US energy storage projects. According to the association, it is ...

The inaugural Sodium-Ion Battery Industry Chain and Standards Development Forum, jointly organized by the China Electronics Standardization Institute and the China ...

According to Official Amount @sjchuneng, on January 23, the National Energy Administration (NEA) held a press conference where Bian Guangqi, Deputy Director of the ...

BEIJING, April 29 -- China's energy storage capacity has further expanded in the first quarter amid the country's efforts to advance its green energy transition. By the end of March, China's ...

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 ...

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