

# NEW ENERGY STORAGE PILOT



In the "Key Work Arrangements for Reform in 2020" and the "Opinions of State Grid Co., Ltd. on Comprehensively Deepening Reform and Striving for Breakthroughs," the power grid expressed its intention to implement a new business plan for energy storage and cultivate new momentum for growth based on strategic emerging industries such as



Energy generator and retailer Alinta Energy has penned an early contractor agreement for the 7.2GWh Oven Mountain pumped hydro energy storage (PHES) project in New South Wales, Australia. Storm disruption to power supply "demonstrates need for long-duration energy storage" in New South Wales, Australia



In May 2023, SCE unveiled the New Home Energy Storage Pilot (NHESP), which offers financial incentives to home builders for installing batteries to pair with the solar panels mandated for new homes under Title 24 building standards. While the incentive goes directly to builders, there are benefits for SCE customers buying homes already equipped



Customers could receive up to \$9,000 as a one-time incentive to help lower the cost of installing solar and battery storage Programs explore new ways to help manage low carbon grids of the future Duke Energy (NYSE: DUK) is implementing PowerPair SM, a new incentive-based pilot program for installing home solar generation with battery energy storage ???



The company has two other battery storage pilot projects in its portfolio ??? a 2-megawatt battery in New Kent County that was commissioned in late February and a 2-megawatt battery in Hanover County that is scheduled to become operational later this year. All three projects were approved by the Virginia State Corporation Commission (SCC) in February 2020.

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Form Energy announced that it has been awarded a \$12 million grant from the New York State Energy Research and Development Authority (NYSERDA) to accelerate the deployment of a 10 megawatt / 1000 megawatt-hour iron-air battery system in New York State. Expected to come online by 2026, the project will demonstrate the value of multi-day energy ???



The results of Liberty Utilities' residential battery program could help determine how the state deploys the technology. A New Hampshire utility has begun installing batteries in customers' homes as part of a pilot program that could help determine how the costs and benefits of residential energy storage are spread in the state.



EPRI, in collaboration with Southern Company and Storworks, has recently completed testing of a pilot concrete thermal energy storage (CTES) system at Alabama Power's Ernest C. Gaston Electric



The New Home Energy Storage Pilot (NHESP) provides financial incentives for the installation of energy storage (ES) battery systems on new single- family or multi-family residential housing developments that are subject to the Title 24 Standards. ??? Developers can install Energy Storage prior to tenant move-in.



The funds are being made available through a total US\$505 million DOE programme aimed at validating new energy storage technologies including non-lithium-based electrochemical, thermal and mechanical solutions and more effectively integrating energy storage into the energy sector for the benefit of customers and communities.

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Technicians inspect a solar power storage plant in Huzhou, Zhejiang province, in April. [Photo by Tan Yunfeng/For China Daily] 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 an installed capacity of more than 30 million kilowatts, ???



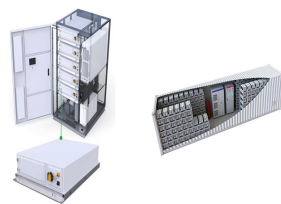
CHARLOTTE, N.C. ??? Duke Energy (NYSE: DUK) is implementing PowerPair SM, a new incentive-based pilot program for installing home solar generation with battery energy storage in its Duke Energy Carolinas and Duke Energy Progress service areas in North Carolina. The company received approval from the North Carolinas Utility Commission (NCUC) for



Energy-Storage.news" publisher Solar Media will host the 1st Energy Storage Summit Asia, 11-12 July 2023 in Singapore. The event will help give clarity on this nascent, yet quickly growing market, bringing together a community of credible independent generators, policymakers, banks, funds, off-takers and technology providers.



The US Department of Energy's (DOE) Office of Clean Energy Demonstrations (OCED) has issued a Notice of Intent (NOI) to fund pilot-scale energy storage demonstration projects, focusing on non



At the beginning of 2024, the National Energy Administration officially announced a list of 56 new energy storage pilot demonstration projects through a public notice. This list covers the main technical approaches currently applied in engineering, including 17 lithium-ion batteries, 11 compressed air energy storage systems, 8 flow batteries, 8

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Dominion completed its first lithium-ion (Li-ion) battery energy storage system (BESS) pilots in August 2022. In August of this year, it broke ground on a large-scale solar-plus-storage project at Virginia's Dulles International Airport, featuring 100MW of solar PV and 50MW of BESS technology, alongside electric vehicle (EV) charging infrastructure.



The MOSS pilot facility is a step closer to decarbonizing these processes. Therefore, I am pleased that a new energy storage solution is now being introduced here in Esbjerg, which will be crucial for a successful transition of our energy system, said Søren Gade, Speaker of the Danish Parliament and Chairman of Port Esbjerg in his address.



Governor Kathy Hochul today announced over \$5 million is now available for long duration energy storage projects through New York State's Renewable Optimization and Energy Storage Innovation Program. This funding will advance the development and demonstration of scalable innovative long duration energy storage (LDES) solutions that ???



Marking a New Chapter in 2023, Zhuhai Pilot Technology Co., Ltd., a beacon in new energy solutions, commences its journey on the Beijing Stock Exchange, stock code 831175. Improve your charging services with on-site energy storage systems, optimize energy costs, and manage power peaks with smart, integrated technology. See Our Solutions.



Long-duration energy storage (LDES) is the linchpin of the energy transition, and ESS batteries are purpose-built to enable decarbonization. As the first commercial manufacturer of iron flow battery technology, ESS is delivering safe, sustainable, and flexible LDES around the world.



Washington, D.C.??? As part of the Biden-Harris Administration's Investing in America agenda, the U.S. Department of Energy's (DOE) Office of Clean Energy Demonstrations (OCED) today opened applications for up to \$100 million in funding to support pilot-scale energy

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storage demonstration projects. This funding was made possible by President Biden's Bipartisan

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Today, the U.S. Department of Energy's (DOE) Office of Clean Energy Demonstrations (OCED) issued a Notice of Intent (NOI) for up to \$100 million to fund pilot-scale energy storage demonstration projects, focusing on non-lithium technologies, long-duration (10+ hour discharge) systems, and stationary storage applications. This funding???made possible by ???



Both the Rudong and Zhangye EVx Gravity Storage Systems have been formally designated and recognized as "new energy storage pilot demonstration projects" by China's National Energy Administration (NEA) in their formal world's largest energy storage market supported by the new project groundbreaking announcements and other



With Puget Sound Energy considering deploying a pilot project in its service area, the pair's new partnership could see them jointly develop one, which would be a 10MW system with 1,000MWh capacity ??? equivalent to 100-hour duration. Energy-Storage.news" publisher Solar Media will host the 6th Energy Storage Energy yesterday (30



Expand your business capabilities with our top-tier energy solutions. Boost efficiency with our energy storage and intelligent power inverters, ensuring up to 90% system efficiency and enhanced battery utilization. Benefit from a safer, more reliable infrastructure with advanced security systems and reduce capital expenditures by 2%.