

What is an energy storage project?

An energy storage project is a cluster of battery banks (or modules) that are connected to the electrical grid. These battery banks are roughly the same size as a shipping container. These are also called Battery Energy Storage Systems (BESS), or grid-scale/utility-scale energy storage or battery storage systems.

What is the Texas energy storage project?

The Texas project is the first U.S. storage project to make use of the Investment Tax Credit (ITC) for standalone utility-scale energy storage systems, which was introduced in the Inflation Reduction Act of 2022.

Who develops UK energy storage projects?

Major companies developing UK energy storage projects include Anesco, EDF, Pivot Power, Statera, and RES. Each company is active in several power supply and flexibility markets, providing services to National Grid and Distribution Network Operators (DNOs), as well as operating in the wholesale energy markets.

Where will the energy storage projects be located?

The energy storage projects will be located at three existing SCE substations: 225 MW at Springvale Substation in Big Creek-Ventura, 200 MW at Hinson Substation in the Los Angeles Basin, and 112.5 MW at Etiwanda Substation in the Los Angeles Basin.

What is the energy storage project database?

This is essentially a global industry platform for dissemination of project and performance metrics on the growing fleet of energy storage installations. Over the last four years, the database has been utilized to help shape the development of new projects, improve existing systems and to help develop policy and regulatory framework.

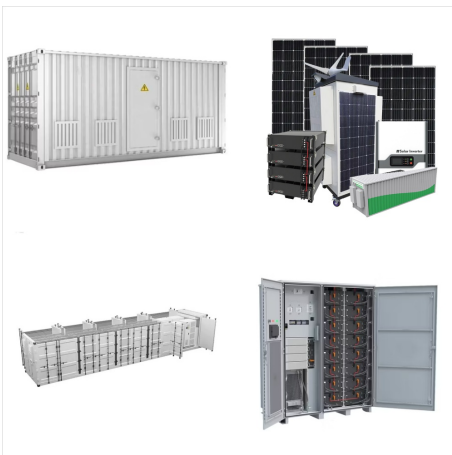
How many energy storage projects are there?

The Department of Energy (DOE) Global Energy Storage Database counts nearly 700 storage projects announced, operational, or under construction in the United States. These projects rely on various technologies, including batteries, ice, pumped hydropower, heat, and chilled water.

# ENERGY STORAGE PROJECT AQUISITION



The deadline for submitting proposals in 19 June, 2023, and the Call page indicated that the energy storage technology must be battery-based. In September 2020, Energy-Storage.news reported on a ???20 million grant from the EU to Croatia-based energy storage operator IE-Energy for the firm to deploy projects in the country.



New Goldman Sachs-backed developer GridStor has acquired a portfolio of in-development battery storage projects in LA, California, from Upstream Energy, totalling 500MW/2,000MWh. Energy, totalling 500MW/2,000MWh. The Portland-based grid-scale battery storage developer and operator announced the acquisition yesterday (26 October), ???



Groundbreaking ceremony at the Scatter Wash project, held towards the beginning of this year. Image: Strata Clean Energy . Copenhagen Infrastructure Partners (CIP) has acquired a 1GWh battery storage project in Arizona, US, from developer Strata Clean Energy.

# ENERGY STORAGE PROJECT ACQUISITION



? The project comes under the wing of Lewis Ridge Pumped Storage LLC as a branch of Rye Development Acquisition, a newly formed venture of the investment firm Climate Adaptive Infrastructure and EDF



The project in Goleta, California, as it looks under construction. Image: Gridstor. Updated 8 June 2023: Gridstor VP of policy and strategy Jason Burwen offered some more details on the project to Energy-Storage.news. The Goleta facility is a merchant resource, but has a resource adequacy (RA) contract with utility Southern California Edison (SCE), he said.



As with the Moss Landing Energy Storage Facility in California ??? at 400MW/1,600MWh currently the world's biggest BESS project and brought online last year ??? the battery module supplier was LG Energy Solution. Burns & McDonnell also worked on Moss Landing and said it worked closely with the battery company to coordinate project design as

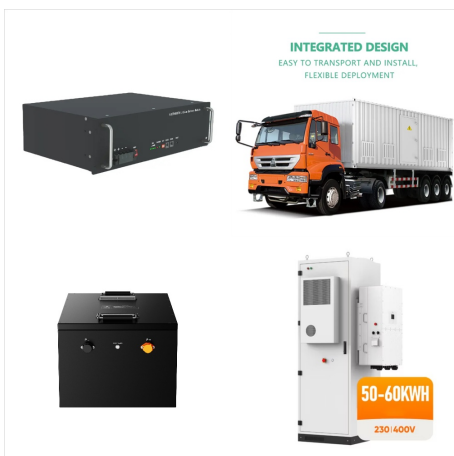
# ENERGY STORAGE PROJECT ACQUISITION



The UK government has also identified energy storage as a key technology area for investment, with the potential to generate an estimated ?12 billion in new business revenues. In parallel with the Arlington acquisition, Masdar will increase its investment in offshore wind projects in new and existing markets, including the UK.



Equinor subsidiary East Point Energy has launched a project acquisition venture that aims to acquire standalone energy storage, solar, and solar+storage projects in the U.S. The venture initially is expected to target standalone storage projects that can achieve commercial operation in 2024 and 2025 in ERCOT, PJM, NYISO, and ISONE.



CleanCapital acquires, finances, and provides asset management services to C& I solar, community solar, and energy storage projects throughout the U.S. Our deep bench strength and exceptional reputation have made us a trusted partner to some of the industry's biggest names. Most of CleanCapital's acquisitions to date have been operating



# ENERGY STORAGE PROJECT ACQUISITION



Thanks to the expertise of Kyon Energy's management and employees, TotalEnergies will develop, build and operate these projects as part of its integrated energy strategy. This new acquisition follows the successes of 2023 in Germany - including the award of a maritime concession for the development of a 3 GW offshore wind farm, the acquisition



On the Texas project acquisition, Corre Energy said supportive government policy direction for clean energy made this an attractive time to enter the US market, citing the Inflation Reduction Act (IRA) and its tax credit incentives as particular drivers. The first pumped hydro energy storage (PHES) project to be built at a former coal mine



Ingrid Capacity was founded last year. Image: Ingrid Capacity. Recently-formed energy storage developer Ingrid Capacity is building a 70MW battery storage facility in Sweden for a delivery date as early as H1 2024, the largest planned in the Nordic country.

# ENERGY STORAGE PROJECT AQUISITION



Over a gigawatt of bids from battery storage project developers have been successful in the first-ever competitive auctions for low-carbon energy capacity held in Japan. A total 1.67GW of projects won contracts, including 32 battery energy storage system (BESS) totalling 1.1GW and three pumped hydro energy storage (PHES) projects totalling 577MW.



Econergy enters the UK storage market with acquisition of 50MW project Econergy Renewable Energy, a leading investor, developer and operator in renewable energy projects across Europe, has successfully acquired a 100% share of Swangate Energy Storage Ltd, a 50MW (100MWh) storage project located in Yorkshire, Northern England from Yoo Energy.



4. DP World London Gateway ??? Battery Energy Storage System Capacity: 320MW / 640MWh The DP World London Gateway ??? Battery Energy Storage System is a lithium-ion battery located in Thurrock, Essex, in the UK. The project was announced in 2020 and will be commissioned in 2025. The ?300m project will provide power for over 450,000 homes once

# ENERGY STORAGE PROJECT ACQUISITION



Niam and Evecon will deploy 84MW of solar power and 26MW of energy storage across 11 project sites in Latvia. Image: Niam Infrastructure. News from the Nordics and the Baltics, with BESS projects launched in Sweden, Denmark and Latvia by Centrica, Nordic Solar and Niam Infrastructure and Evecon.



The expansion of Moss Landing Energy Storage Facility in California, already the world's biggest BESS project, to more than 3GWh was one of the highlights of the first half of this year for the US energy storage industry. Image: Vistra Energy. A roundup of the biggest projects, financing and offtake deals in the energy storage sector that we



The Pillswood Battery Energy Storage System (BESS) near Hull in northern England was officially opened by Harmony Energy and its investment company, Harmony Energy Income Trust, in March 2023. This 98MW/196 MWh scheme is Europe's largest by capacity, using a Tesla 2-hour Megapack technology system.

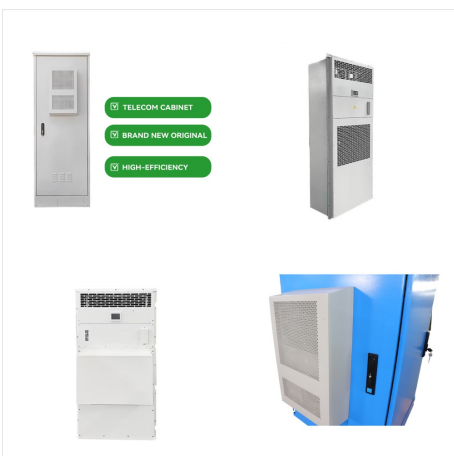
# ENERGY STORAGE PROJECT ACQUISITION



"This acquisition of development rights adds significantly to NESF's participation in the UK battery storage investment space. The project will take our battery storage programme up to a capacity of 300MW, showing how NESF has been able to secure a significant development pipeline of storage projects in a short timeframe.



Q CELLS bought the project from Texas-headquartered greenfield solar PV and energy storage developer Belltown Power. Belltown said it has now sold 14 projects amounting to more than 2.5GW, most of which have been in the ERCOT or ???



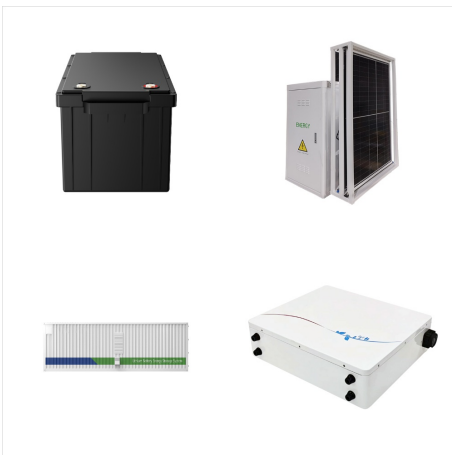
Sacramento, CA???SMUD's long-duration battery storage project in partnership with ESS Tech, Inc. has been awarded a \$10 million grant from the California Energy Commission to demonstrate a groundbreaking 3.6-megawatt, 8-hour iron flow battery project and set the foundation for future large-scale battery deployments and manufacturing at energy



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The passing of the Inflation Reduction Act in August of 2022 included provisions that are significantly impacting the utility-scale battery storage industry. This includes the decoupling of storage from solar projects, allowing for standalone energy storage projects to qualify for Investment Tax Credits (ITC) up to 30%.



With this acquisition we have added the capability to pair energy storage with solar and wind projects, thereby creating more valuable projects and positioning ourselves as a leader in the rapidly growing energy storage market." The growth in the energy storage market is being driven by commercial and municipal customers who are interested in

# ENERGY STORAGE PROJECT AQUISTION



Energy-Storage.news reported earlier this week as one of those IOUs, Pacific Gas & Electric (PG& E), announced its own agreements with 6.4GWh of four-hour lithium-ion battery projects, including an expansion phase planned at Vistra Energy's Moss Landing Energy Storage Facility, the world's biggest lithium-ion battery energy storage system