

# Completed new energy storage projects

Will SSE Renewables build a second battery energy storage system?

150MW battery storage facility will be built on site of former iconic Ferrybridge coal power station SSE Renewables has taken a Final Investment Decision to proceed with, and entered into contracts to deliver, its second battery energy storage system (BESS).

Where are SSE Renewables constructing a battery project?

In addition to Salisbury, SSE Renewables is currently constructing a 150MW battery project in Ferrybridge, West Yorkshire, which is due to complete in the first half of next year, and a 320MW battery project in Monk Fryston, North Yorkshire, which will be able to deliver flexible energy at scale once completed in up to two years' time.

What is SSE's first battery energy storage system?

SSE's first battery energy storage system (BESS) project at Salisbury in Wiltshire, England is now fully operational. The 50MW /100MWh BESS project, which could power over 80,000 homes\* for two hours at times of peak demand, is the first operational battery site in SSE's portfolio.

How many new energy storage projects are commissioned in China?

Figure 2: Cumulative installed capacity of new energy storage projects commissioned in China (as of the end of June 2023) In the first half of 2023, China's new energy storage continued to develop at a high speed, with 850 projects (including planning, under construction and commissioned projects), more than twice that of the same period last year.

Will SSE build a new battery storage project at Ferrybridge?

For decades the Ferrybridge coal-fired power station was a prominent feature of the West Yorkshire landscape, before being decommissioned by SSE in 2016. Now SSE Renewables' plans to build a new 150MW battery storage project at Ferrybridge will provide flexible generation for Britain's national grid and a new era for the site.

What is the cumulative installed capacity of energy storage projects?

The cumulative installed capacity of new energy storage projects is 21.1GW/44.6GWh, and the power and energy scale have increased by more than 225% year-on-year. Figure 1: Cumulative installed capacity (MW%) of electric energy storage projects commissioned in China (as of the end of June 2023)

SSE Renewables has taken a Final Investment Decision (FID) to proceed with the construction of one of the UK's largest battery energy storage system (BESS) projects in Monk Fryston, Yorkshire. The 320MW / 640MWh ...

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energy projects in our mission to save the planet. ... battery storage, wind, green hydrogen, and green ammonia projects. ...

RWE Renewables' first European battery energy storage system (BESS) - an 8.5MWh project - has gone live in Dublin, Ireland. The battery is set to provide balancing services to the Irish grid to help it integrate increased ...

Our UK focused sister site Clean Energy News understands that the project, housed in four 40-foot long shipping containers at Blackburn Meadows, a facility near Sheffield ...

In September last year, UK-based battery energy storage asset owner and operator Varco Energy chose Fluence Energy UK Ltd., a subsidiary of Fluence Energy, Inc. to provide one of its first ...

SSE Renewables has taken a Final Investment Decision to proceed with, and entered into contracts to deliver, its second battery energy storage system (BESS). The 150MW project is located at the site of SSE's ...

Exploratory tunnelling for SSE Renewables' Coire Glas project, the UK's first large-scale pumped hydro energy storage (PHES) scheme to be developed in 40 years, has been completed. The proposed Coire Glas storage ...

Each of these systems will generate project revenue royalties for Energy Vault. The company also said that the Rudong and Zhangye City systems were recently classified as "new energy storage pilot demonstration ...

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The 50MW / 100MWh BESS project, which could power over 80,000 homes\* for two hours at times of peak demand, is the first operational battery site in SSE's portfolio. The asset is now trading in Great Britain's ...

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 ...

Rendered aerial view of how the Kiisa Battery Park project will look once completed. Image: Baltic Storage Platform. Baltic Storage Platform, a joint venture (JV), has broken ground on two new 200MW/400MWh battery ...

The UK's energy storage sector took "a great step forward" after completing what is thought to be the world's first grid-scale liquid air energy storage (LAES) plant at the Pilsworth landfill gas site in Bury, near ...

