



# UK energy storage project construction





## Overview

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Construction is underway on Europe's largest battery park at Thorpe Marsh in Doncaster North, a £600m project signaling a major investor rush into Battery Energy Storage Systems (BESS) to support the UK's clean energy grid. The circa £200 million development, once constructed, plays an important role in the operation. The UK's battery storage sector is charging ahead at an incredible pace. Since 2020, operational capacity has increased by 509%, climbing from 1,128 MW to 6,872 MW in 2025. Head of UK Energy Storage Henry Xu talks big projects, narrow roads and local connections with ESS News, as the company prepares to ship containers for the Thorpe Marsh BESS buildout. Sungrow provided energy. The 500MW/1,000MWh Coalburn project in Scotland, UK, currently under construction. This article takes a close. 5 November 2025: Statera Energy, the UK-based developer and operator of energy storage and flexible generation, has reached financial close on Carrington Storage, a landmark 680MW / 1360MWh battery energy storage system (BESS) located at the Trafford Low Carbon Energy Park in Greater Manchester.



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### [Stacking up the storage: where the UK battery market stands in 2025](#)

But what battery assets does the UK boast currently? How much capacity is under construction and consented, and what has the growth journey of battery storage projects looked like?

### [Holmston BESS Reaches Key Construction Milestone](#)

The Holmston Battery Energy Storage System (BESS) has achieved a significant construction milestone with the successful completion of all civil foundation works and the delivery ...



### [UK: over 17GWh of BESS due to connect to grid in 2025, 9GWh ...](#)

However, within the UK, numerous sites over 1GWh in size have already been approved and construction has begun on some of these sites that will ultimately become some of the largest ...

### [Top 7 Battery Energy Storage System Projects in UK 2025](#)

In this blog, we'll explore the top 7 battery energy storage system projects in the UK for 2025. We'll look at each project's capacity, project cost, current status, and how it supports the broader shift to clean ...



### [Thorpe Marsh: Europe's Largest Battery Park Powers UK's Net Zero](#)

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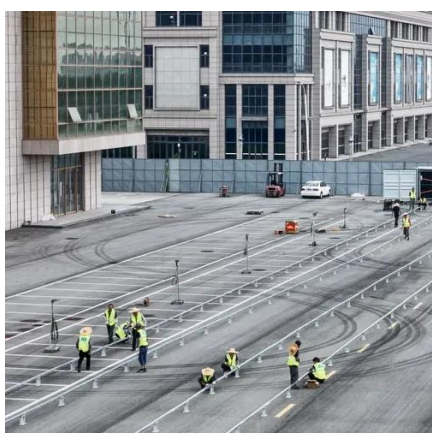
### [UK pumped storage projects surge after 40-year gap](#)

According to the British Hydropower Association (BHA), although the UK hasn't witnessed new pumped storage capacity for over 40 years, there are now 11 schemes at various ...



### [RWE to build its largest battery energy storage facility in the UK](#)

Construction to start in the first half of 2026, commissioning planned in second half 2028. RWE, the UK's leading electricity generator, and the largest power producer in Wales, is powering ...



### [How to build the UK's biggest BESS project](#)



Head of UK Energy Storage Henry Xu talks big projects, narrow roads and local connections with ESS News, as the company prepares to ship containers for the Thorpe Marsh ...



### [Super battery projects that maximise renewable-generated power](#)

Ofgem is today (Tuesday 23 September) confirming the 77 projects entering the final assessment stage of a government-driven 'super battery' support scheme designed to secure investment, promote

### [Statera Energy Secures Financial Close for 680MW Carrington ...](#)

Once energised, Carrington Storage will have the capacity to deliver instantaneous power to 2.2 million homes for up to 2 hours, supporting the UK's transition to a renewable-led energy ...





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