

## SolarTech Power Solutions

# UK Battery Energy Storage System Project



## Overview

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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. So far this year, more than 1,405 MW of new capacity has been commissioned, already beating the total for 2024 and putting the.

Activity in the UK battery energy storage system (BESS) market continues to grow substantially year-on-year despite numerous headwinds, as detailed in this H1 recap from our Market Research colleagues. The first half of 2025 saw a 78% jump in project completions, a 25% increase in projects.

The Sunnica Solar-plus-Battery Energy Storage System is a 500,000kW lithium-ion battery storage project in England, the UK. The electro-chemical battery storage project uses lithium-ion battery storage technology. The project will be commissioned in 2025. The project is owned and developed by Sunnica. Buy the profile.

Edinburgh, UK: Fidra Energy, a European battery energy storage system (BESS) platform headquartered in Edinburgh, UK, has secured planning consent to build and operate its flagship battery storage site at Thorpe Marsh, Yorkshire. The 1,400MW (3,100MWh) project will be the largest battery storage.

Ørsted, a global leader in offshore wind energy, has marked breaking ground for its first large-scale UK battery energy storage system (BESS) with a golden shovel ceremony. Located alongside Ørsted's Hornsea 3 Offshore Wind Farm, near Norwich, Norfolk, the system will have a capacity of 600 MWh.

Fidra Energy, an Edinburgh-based battery energy storage system (BESS) platform, has reached financial close on the UK's largest standalone BESS project at Thorpe Marsh, near Doncaster, South Yorkshire. The company secured up to £445 million in equity investment from EIG and the National Wealth Fund.

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