

Western UK Energy Storage Project





Overview

Developer: Fidra Energy, a European battery energy storage platform owned by institutional investor EIG. Location: The project is being developed on approximately 55 acres of land. This is at the site of a former coal power station in Doncaster, South Yorkshire, UK. Capacity: 1.4 GW / 3.1 GWh. What is the largest battery storage project in the UK?

Thorpe Marsh is the largest battery storage project in the UK at 1.45GW (2.9GWh). The project is being developed by Fidra Energy on land adjacent to a former coal station site and large National Grid substation in Yorkshire, England. View the Local Planning Application [here](#).

Which energy storage projects are decarbonising the UK's electricity systems?

Located on a 40 acre site adjacent to the Bicker Fen 400kV substation, the Bicker Fen project is in early stage development with an expected storage capacity of 1.2GW (2.4GWh). We've worked on some important energy storage projects in 2024. Discover how these projects are decarbonising the UK's electricity systems.

Is Coalburn a good investment in UK energy storage?

The 500MW/1,000MWh Coalburn project in Scotland, UK, currently under construction. Image: CIP. Despite a 12% year-on-year fall in the capacity of newly submitted planning applications in 2024, there is still a strong interest in the UK energy storage market as a whole.

How many energy storage projects are there?

Currently there are 2469 energy storage projects tracked in the EnergyPulse database (including inactive projects, as of 18/11/2024), covering details such as project capacity, development status, developer and ownership, location and more. Daniel Sutherland, EnergyPulse Data Analyst.

Is the battery storage pipeline growing in the UK?



This report will be launched to coincide with Clean Power Grid Conference 2025, 1 May 2025 at the IET, London. Overall though, the breakdown of the battery storage pipeline in the UK indicates a position of growth, with a large proportion of the pipeline capacity in early development, in planning and consented stages.

Where are battery storage projects commissioned?

Over the last decade, England has seen the majority of commissioning of battery storage projects (83% since 2013). However, in the past 4 years Scotland, Northern Ireland and Wales have all seen commissioning taking place, accounting for 20% of commissioned capacity in that time.



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EDF signs deal with Fidra Energy for UK battery storage project

1 day ago· EDF to optimise 560MW of battery storage at Thorpe Marsh in Yorkshire, part of the UK's largest battery project The project as a whole will be capable of powering up to 785,000 ...

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Fidra Energy Secures Funding for Thorpe Marsh BESS Project, UK...

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CMS advise Fidra Energy on UK's largest battery energy storage project

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ESS



[Engineering firm wins energy storage project contract](#)

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Conrad Energy breaks ground on 200-MW battery project in ...

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White & Case advises EIG on capital raise by the UK's largest ...

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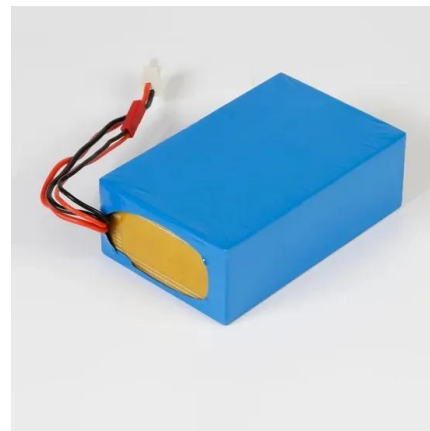
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UK: over 17GWh of BESS due to connect to grid in 2025, 9GWh ...

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 ...

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1mwh (500kw/1mw)
AIR COOLING
ENERGY STORAGE CONTAINER



Fidra Energy reaches financial close on the UK's largest battery ...

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Fidra Energy secures £445m financing for Thorpe Marsh BESS project in UK

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[Development of the UK's Energy Storage Industry: Current ...](#)

The recent development of the UK's energy storage industry has drawn increasing attention from overseas practitioners, achieving significant progress in recent years. According ...

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Fidra Energy secures £445m financing for Thorpe Marsh BESS ...

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Battery storage capacity in the UK: the state of the pipeline

This post investigates the state of the UK battery storage pipeline, year-to-date figures and an insight into the appetite to develop over time. Battery storage is essential for ...

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