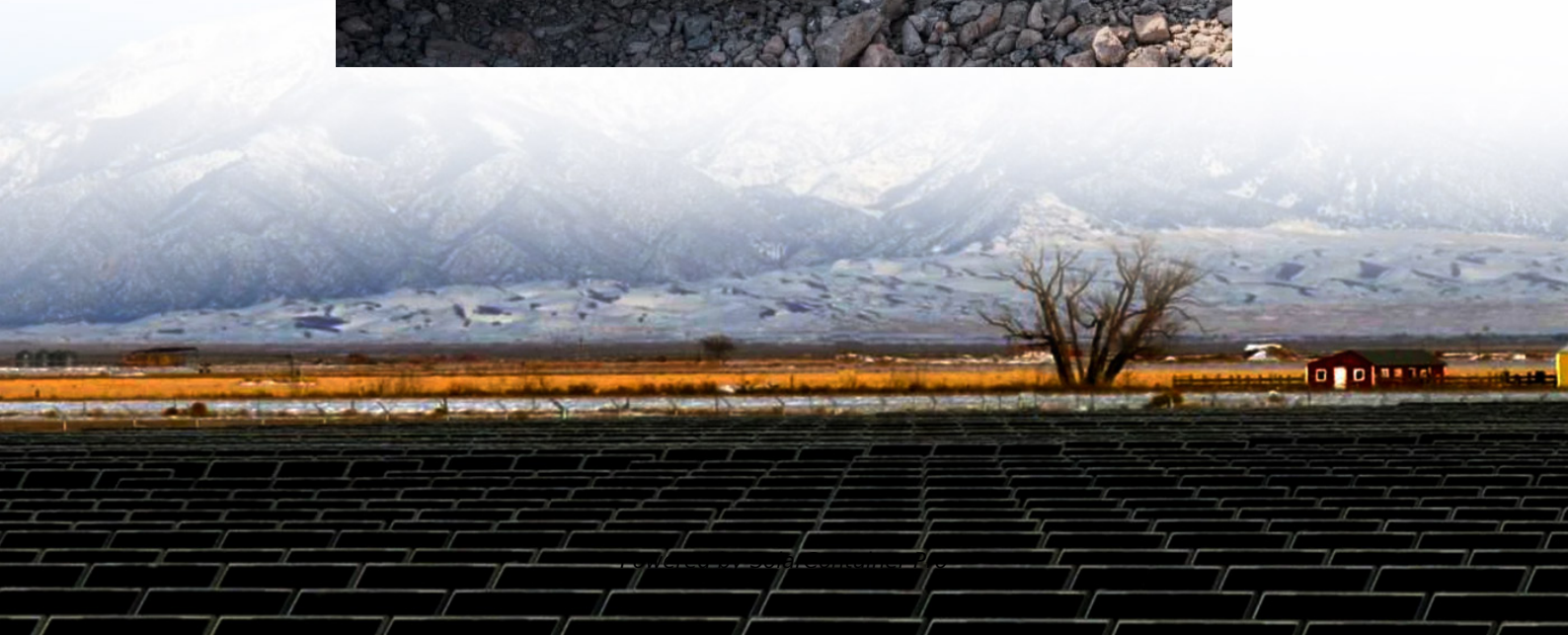


UK energy storage project approval time





Overview

A final investment decision is expected in April 2025 with the first battery systems expected to be operational in early 2027. Which UK battery energy storage systems have won government approval?

Three new UK battery energy storage systems (BESS) and a 150 MW capacity solar farm have won government approval. The Scottish government has given Kona Energy the green light for the construction and operation of the Smeaton battery energy storage system (BESS), a 228 MW/456 MWh project near Dalkeith, East Lothian.

What is the biggest battery storage project in the UK?

The 1,400MW (3,100MWh) project will be the largest battery storage project in the UK, and one of the largest in Europe. The project was approved by Doncaster Council on 28 January 2025 and will help strengthen the local economy by creating jobs during the construction and operation of the facility.

Could long duration electricity storage be the UK's first energy storage facility?

This could see the first significant long duration electricity storage (LDES) facilities in nearly 4 decades, helping to create back up renewable power and bolster the UK's energy security. These technologies work like giant batteries by storing renewable energy and releasing it onto the grid and into homes when needed.

Will there be a surge in battery energy storage projects?

There will be a potential surge in battery energy storage system (BESS) projects receiving grid connection offers before 2030 following regulatory reforms approved by energy regulator Ofgem, according to a new study.

Could a new energy storage scheme help the UK achieve energy independence?



The UK is a step closer to energy independence as the government launches a new scheme to help build energy storage infrastructure. This could see the first significant long duration electricity storage (LDES) facilities in nearly 4 decades, helping to create back up renewable power and bolster the UK's energy security.

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.



UK energy storage project approval time



UK's largest battery storage project secures planning consent

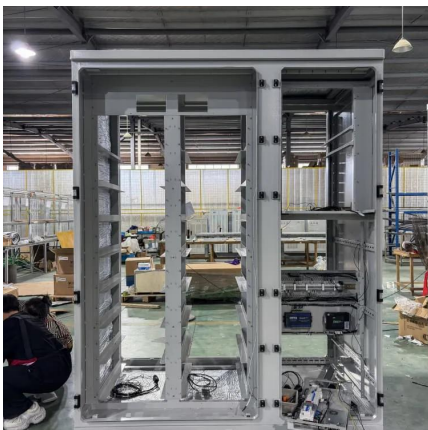
The 1,400MW (3,100MWh) project will be the largest battery storage project in the UK, and one of the largest in Europe. The project was approved by Doncaster Council on 28 ...

[WhatsApp](#)

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 ...

[WhatsApp](#)



7.6GW of UK battery energy storage systems to get pre-2030 grid

There will be a potential surge in battery energy storage system (BESS) projects receiving grid connection offers before 2030 following regulatory reforms approved by energy ...

[WhatsApp](#)

Clearstone seeks approval for 400MW battery storage project in UK

Clearstone seeks approval for 400MW battery storage project in UK With six hours of energy storage capacity, the BESS project can supply



power to 350,000 homes in Devon.

[WhatsApp](#)



Balance Power Moving Forward on 30-MW Battery Storage Site in UK

United Kingdom renewable energy developer Balance Power has secured planning approval for installing a 30-MW battery energy storage system (BESS) in Rochdale, Greater ...

[WhatsApp](#)



Earba 1.8GW pumped storage hydro project secures approval

Gilkes Energy has been awarded planning consent for its Earba Pumped Storage Hydro (PSH) scheme. The Earba PSH scheme is set to be the largest project of its kind in the ...

[WhatsApp](#)



New scheme to attract investment in renewable energy storage

Several projects are currently under development and with some expected to be operational by 2030, and the introduction of an investment support scheme will help deliver them.

[WhatsApp](#)

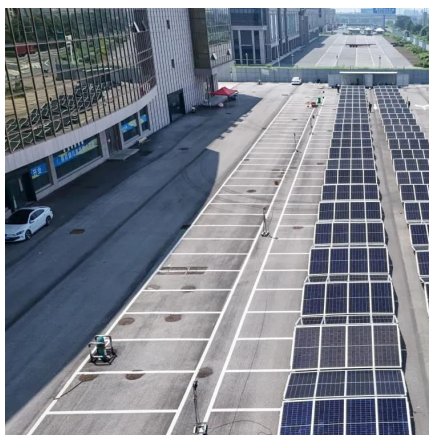
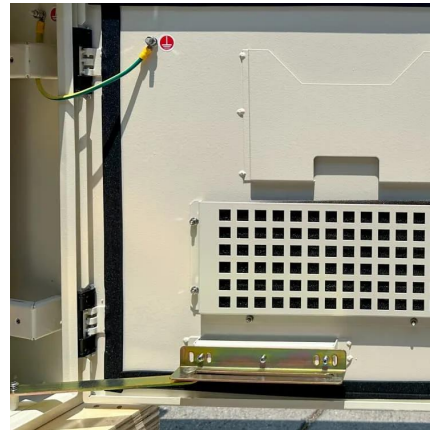




UK: over 17GWh of BESS due to connect to grid in 2025, 9GWh ...

Over 43GWh was approved in 2024, an increase of 35% from 2023 and this year has already seen over 8.9GWh of approvals, including one of the largest consented projects in ...

[WhatsApp](#)



UK's Largest Battery Storage Gains Approval for Sustainability

Fidra Energy has received planning consent to develop the UK's largest battery energy storage project at Thorpe Marsh, Yorkshire. Approved by Doncaster Council on 28 ...

[WhatsApp](#)

Clearstone Energy Secures Consent for 700 MW of UK Battery Storage Projects

Friday 11th April 2025 Planning consent achieved for two large-scale BESS projects in Suffolk and Sussex Clearstone Energy has recently secured planning consent for two large scale Battery ...

[WhatsApp](#)



Three BESS projects in UK granted approval, as largest-ever ...

Three new UK battery energy storage systems (BESS) and a 150 MW capacity solar farm have won government approval. The Scottish government has given Kona Energy ...

[WhatsApp](#)



Cambridge Power secures planning approval for UK BESS project

Cambridge Power has received formal planning permission from East Herts District Council for its battery energy storage system (BESS) at Stocking Pelham, representing a ...

[WhatsApp](#)



[Potential Electricity Storage Routes to 2050](#)

Potential Electricity Storage Routes to 2050
Every year National Grid Electricity System Operator (ESO) produces our Future Energy Scenarios (FES). These scenarios explore a range of ...

[WhatsApp](#)

Qair Secures First Planning Approval for 50 MW Battery Energy Storage

The newly approved project builds on Qair's expanding UK footprint, following the successful consent of over 140 MW of solar capacity across the country in the past 18 months.

[WhatsApp](#)





[Drax: UK's largest battery energy storage site goes live](#)

The UK's largest battery energy storage system has gone live in North Yorkshire. Lakeside Energy Park is a 100MW facility in Drax, near Selby, which can provide power to ...

[WhatsApp](#)

Qair Secures First Planning Approval for 50 MW Battery Energy ...

The newly approved project builds on Qair's expanding UK footprint, following the successful consent of over 140 MW of solar capacity across the country in the past 18 months.

[WhatsApp](#)



Contact Us

For catalog requests, pricing, or partnerships, please visit:
<https://www.straighta.co.za>