

SolarInvert Energy Solutions

Manchester onshore energy storage project in the UK



Overview

In a significant advancement for the UK's renewable energy landscape, Statera Energy has announced plans to construct a 680-megawatt battery energy storage system (BESS) at the Trafford Low Carbon Energy Park, located eight miles southwest of Manchester. Will a UK battery energy storage project come online next year?

One of UK's largest battery energy storage projects has changed hands and will come online next year as part of a low carbon energy park in Greater Manchester. UK-based developer Statera Energy has acquired a 680 MW/1360 MWh battery energy storage project in Greater Manchester from Carlton Power.

Could a £750m battery energy storage scheme be the world's largest?

Planning permission has been granted for a £750m battery energy storage scheme (BESS) near Manchester. Carlton Power, the independent energy-infrastructure developer behind the venture, said the 1GW facility at the Trafford Low Carbon Energy Park would be the world's largest battery-storage facility.

Who owns Carlton power's 'Carrington storage' project in Greater Manchester?

UK-based developer Statera Energy has acquired a 680 MW/1360 MWh battery energy storage project in Greater Manchester from Carlton Power. Located at Trafford Low Carbon Energy Park, Carrington Storage is expected to become one of the largest of its kind in Europe once fully energised in 2026.

Will Carlton power build a 1GW battery energy storage scheme in Manchester?

Carlton Power secures planning permission for a 1GW battery energy storage scheme in Manchester, aiming for commercial operation in 2025. The project will strengthen regional energy security and surpass the current largest BESS in the world.

Could a £300m energy storage plant help the UK Go Green?

Alistair Houghton Business Live Editor Highview Power's proposed energy storage plant at Carrington, Greater Manchester (Image: Highview Power) A £300m energy storage plant that could create hundreds of jobs is being built in Carrington - and its backers say shows Greater Manchester is leading the way in helping the UK go green.

Why did Trafford Council get planning permission for a battery-storage facility?

Failed to load Related. Planning permission for the battery-storage facility was granted by Trafford Council. The council's leader, Tom Ross, said that the battery storage and green-hydrogen schemes would put Trafford and Greater Manchester "at the forefront of the UK's energy transition".

Manchester onshore energy storage project in the UK



ESB, dCarbonX expand subsurface hydrogen storage

...

Mar 21, 2023 · Geoenergy company dCarbonX has signed an agreement with Irish-based utility ESB to expand its collaboration to evaluate and progress onshore large-scale subsurface ...

[Get Started](#)

Green energy developer buys rights to build giant Manchester ...

Jan 13, 2025 · Statera Energy has bought the development rights for a £750m, 680MW battery energy storage system project in north-west England. Located at Trafford Low Carbon Energy ...



[Get Started](#)



UK confirms flagship carbon capture project

Apr 24, 2025 · Roula Khalaf, Editor of the FT, selects her favourite stories in this weekly newsletter. The UK government and Italian energy company Eni gave ...

[Get Started](#)

UK Energy Storage The UK'S Largest ...

UK Energy Storage (UKEn) is a pioneering energy developer with a bold vision to deliver nationally significant salt cavern hydrogen storage projects in South ...

[Get Started](#)



Is the UK's energy storage growing fast enough?

May 1, 2025 · Germany, meanwhile, is testing hydrogen storage to absorb the power from its onshore windfarms. New forms of storage There is a drive by energy companies to develop ...

[Get Started](#)

UK: TotalEnergies acquires a pipeline of solar and battery projects

Paris, June 3, 2025 - TotalEnergies announces the acquisition from Low Carbon, a leading renewable energy company, of a pipeline of 8 solar projects with a capacity of 350 MW and 2 ...

[Get Started](#)



Statera acquires 680MW BESS project in north ...



Jan 9, 2025 · At 680MW, it will be over twice the size of Statera's forthcoming 300MW Thurrock Storage, and equate to nearly a quarter of the installed ...

[Get Started](#)

Can geothermal energy provide a sustainable ...

Jan 23, 2023 · With the move towards sustainable, low carbon energy in the UK, alongside a need for long-term energy security, a range of renewable energy ...



[Get Started](#)



Statera Energy buys 680-MW UK battery project from ...

Jan 10, 2025 · UK energy storage developer Statera Energy said on Thursday it has acquired a 680-MW battery energy storage system (BESS) project, Carrington Storage, located at ...

[Get Started](#)

Costain study to enable ambitious energy storage project

Jul 24, 2025 · Costain, the infrastructure solutions company, has been chosen by EnergyPathways PLC (EPP) to study onshore location sites for EPP's flagship integrated ...

[Get Started](#)



- ✓ 100KWH/215KWH
- ✓ LIQUID/AIR COOLING
- ✓ IP54/IP55
- ✓ BATTERY 6000 CYCLES

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

Dec 19, 2024 · The UK's total battery storage project pipeline currently contains a total of 127GW of capacity. Figure 1 demonstrates the amount of capacity at ...

[Get Started](#)

New report assesses deep geothermal energy in ...

Jul 17, 2023 · BGS, in collaboration with Arup, was commissioned by the North East Local Enterprise Partnership to develop a White Paper entitled 'The ...

[Get Started](#)



World's Largest Battery Energy Storage Scheme ...

Jul 24, 2023 · Carlton Power secures planning permission for a 1GW battery

energy storage scheme in Manchester, aiming for commercial operation in ...

[Get Started](#)



Top five energy storage projects in the UK

Sep 10, 2024 · Global energy storage capacity was estimated to have reached 36,735MW by the end of 2022 and is forecasted to grow to 353,880MW by 2030. The UK had 3,096MW of ...

[Get Started](#)



New Manchester battery firm launches as 'one of ...

Jul 30, 2024 · Root-Power, backed by the YLEM Group, has launched with nearly 2GW of battery storage projects already strategically positioned across the ...

[Get Started](#)



EDF Optimises 114MW of Battery Systems for ...

Feb 17, 2025 · Constantine Energy Storage, founded in 2021 by Constantine

Group, was established to manage the construction and ownership of a ...

[Get Started](#)



UK ENERGY IN BRIEF 2025

Jul 29, 2025 · UK ENERGY IN BRIEF 2025
This booklet summarises the latest statistics on energy production, consumption, prices and climate change in the United Kingdom. Figures ...

[Get Started](#)



✓ IP65/IP55 OUTDOOR CABINET

✓ OUTDOOR MODULE CABINET

✓ OUTDOOR ENERGY STORAGE CABINET

✓ 19 INCH

Queequeg Renewables aims for 750 MW of UK ...

Jan 31, 2024 · The projects are located across the UK and cover a range of renewable energy schemes including sites for solar installations, onshore ...

[Get Started](#)



Cragside secures planning permission for ...

Specialist renewable energy and battery energy storage developer, Cragside



Energy Limited (CEL), has secured planning permission for the construction ...

[Get Started](#)

UK energy storage pipeline report 2024

Jan 5, 2024 · The pipeline of battery storage projects has continued to grow steadily again, from 84.4GW in December 2023 to 95.5GW in May 2024. This ...

[Get Started](#)



What next for UK battery storage? , 2024 Insight

Aug 23, 2024 · In recent months, Octopus Energy signed a two-year fixed-price agreement with Gresham House Energy Storage Fund for 500MW of its battery assets. Under the ...

[Get Started](#)

Plans approved for £750m Manchester battery ...

Jul 26, 2023 · Planning permission has been granted for a £750m battery

energy storage scheme (BESS) near Manchester. Carlton Power, the independent ...

[Get Started](#)



Marram Energy Storage Hub (MESH), UK

May 2, 2025 · The project is expected to contribute to national energy security by offering up to 20 terawatt-hours (TWh) of storage capacity, which equates to ...

[Get Started](#)

Statera acquires 680MW BESS project in north ...

Jan 9, 2025 · Statera Energy has acquired a 680MW battery energy storage system (BESS) project in north-west England. Located at Trafford Low Carbon ...

[Get Started](#)



48V 100Ah

Who we are

Aug 13, 2025 · Now fully completed, the scheme is the largest on shore gas storage facility in the country, enhancing

the security of supply to the UK gas ...

[Get Started](#)



Octopus Energy turbocharges the UK's green ...

Sep 26, 2024 · Comes as it seals the deal on 4 new solar farms and breaks ground on a battery project - to power tens of thousands of homes Boosts ...

[Get Started](#)

114KWh ESS



ISO 9001 ISO 14001 PICC RoHS CE MSDS UN38.3 UK CA IEC



Balance Power wins approval for Rochdale battery storage

May 29, 2025 · Balance Power has secured planning permission for a 30 MW battery energy storage system on land near Rochdale, Greater Manchester. The project is expected to bolster ...

[Get Started](#)

Statera Energy's 680MW Battery Storage Located in Manchester

Jan 28, 2025 · In a significant advancement for the UK's renewable energy landscape, Statera Energy has announced plans to construct a 680-megawatt battery energy storage system ...

[Get Started](#)



Contact Us

For catalog requests, pricing, or partnerships, please visit:
<https://www.persianasaranda.es>