

The largest energy storage project in Manchester UK





Overview

Located at Trafford Low Carbon Energy Park in Greater Manchester Carrington Storage is expected to become one of the largest of its kind in Europe once fully energised in 2026. 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.

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.

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.

When will Trafford be able to build a battery storage scheme?

Planning permission for the BESS was granted by Trafford Council, the local planning authority. Subject to a final investment decision, construction of the battery storage scheme is expected to begin in the first quarter of next year (2024) with it entering commercial operation in the final quarter of 2025.



The largest energy storage project in Manchester UK

Manchester set to host 'world's largest' battery energy storage project

Jul 24, 2023 · The approved scheme aims to establish the world's largest battery energy storage system (BESS), boasting an estimated 1GW (1040MW / 2080MWh) capacity. The planned ...

CARLTON POWER SECURES PLANNING CONSENT FOR WORLD'S LARGEST ...

Jul 24, 2023 · Carlton Power, the UK independent energy infrastructure development company, has secured planning permission for the world's largest battery energy storage scheme ...

Eclipse and Carlton plan major energy park in ...

Jul 30, 2025 · UK microgrid developer Eclipse Power has partnered with UK energy infrastructure developer Carlton Power to develop an energy park ...

Statera acquires 1360 MWh battery project in north-west ...

Jan 10, 2025 · 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 ...

The construction of the world's largest liquid ...

Jul 15, 2024 · In addition, the inconsistent availability of energy sources such as wind and sun, vital to reducing emissions and combating climate ...

World's Largest Battery Energy Storage Scheme Granted ...

Jul 24, 2023 · Carlton Power secures planning permission for a 1GW battery energy storage scheme in Manchester, aiming for commercial operation in 2025. The project will strengthen ...

Statera Energy acquires one of the UK's largest battery energy storage

Jan 10, 2025 · The project, which has already been approved by Trafford Council, is Statera's largest consented BESS project to date. It will operate alongside long-duration energy storage ...

Plans approved for world's largest battery storage scheme

Feb 8, 2023 · Carlton Power has secured planning permission for what is claimed will be the world's largest battery energy storage scheme (BESS), a 1 GW (1,040 MW/2,080 MWh) ...

INOX India Secures Landmark Contract from Highview Power, UK ...

Aug 26, 2025 · INOX India Ltd (INOXCVA), one of the world's leading cryogenic technology solution providers, is pleased to announce the securing of a significant contract from Highview ...

Major Investment in UK's First Commercial Liquid Air Energy Storage

Jun 13, 2024 · Highview Power has secured a £300 million investment to build the UK's first commercial-scale liquid air energy storage (LAES) plant. This funding comes from the UK ...



Statera acquires 680MW BESS project in north-west England

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

Highview Power to Develop Multiple Cryogenic Energy Storage ...

Oct 21, 2019 · These projects will further the UK's strong move towards its clean energy goals and help it meet the expected global demand for energy storage. "We are excited to begin working ...

INOX India Wins World's Largest Liquid Air ...

Nov 8, 2024 · INOX India Ltd (INOXCVA), one of the world's leading cryogenic technology solution providers, is pleased to announce the ...

'World's Largest' BESS Project Gets Approval

Jul 29, 2023 · UK's Carlton Power planning 1 GW project Carlton Power, a UK independent energy infrastructure development company, has secured planning permission for what it calls the ...

Statera defies gloom with one of Europe's biggest battery storage ...

A British green energy developer has defied the gloom that has swept across the sector by drawing up plans to build in Manchester one of the largest battery storage projects in Europe, ...

Building to start on "world's largest" battery storage plant in UK

Jul 26, 2023 · Carlton Power, a UK-based energy infrastructure company, has won planning permission to develop the "world's largest" battery energy storage system (BESS) in ...

Envision and Statera Partner for Major 680 MW Energy Storage Project in UK

Envision and Statera Collaborate on the Carrington Energy Storage Project Envision Energy, a global leader in green technology, has announced its partnership with Statera Energy, a UK ...

Statera Energy acquires one of the UK's ...

Jan 10, 2025 · The project, which has already been approved by Trafford Council, is Statera's largest consented BESS project to date. It will ...

'World's Largest' BESS Project Gets Approval

Jul 29, 2023 · UK's Carlton Power planning 1 GW project Carlton Power, a UK independent energy infrastructure development company, has secured ...

Highview bags £300m for large-scale liquid ...

Jun 13, 2024 · The funding will enable Highview to launch construction on a 50MW/300MWh long-duration energy storage (LDES) project in ...

Highview Power to build 50 MW/250 MWh ...

Oct 24, 2019 · Highview Power said Monday it will build a 50 MW/250 MWh cryogenic energy storage facility in North of England, touted as the largest ...



World's Largest Battery Energy Storage ...

Jul 24, 2023 · Carlton Power secures planning permission for a 1GW battery energy storage scheme in Manchester, aiming for commercial operation ...

From Coal to Clean: Pulse Clean Energy Powers Up 30MW Battery Storage

Sep 3, 2025 · Pulse Clean Energy has announced the commissioning of its 30MW / 67MWh battery energy storage system (BESS) at Coal Pit, a site once used for coal mining but now ...

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