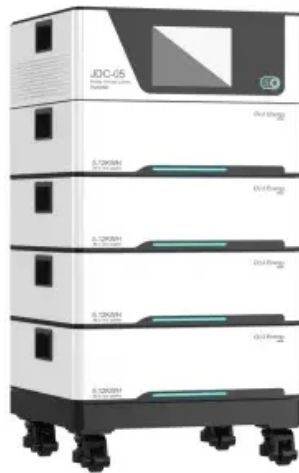


SolarInnovate Energy Solutions

The largest energy storage project in Manchester 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. 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.

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.

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".

Will Carlton power build the world's first liquid air storage system?

In addition to Carlton Power's two projects, US firm Highview Power Storage Inc is planning to build and operate the world's first commercial liquid air storage system - a £250m 250MWh long duration, cryogenic energy storage system at the Trafford Park.

The largest energy storage project in Manchester UK



World's largest battery storage scheme will go ahead in Manchester

Jul 24, 2023 · Trafford Low Carbon Energy Park will be the home of a new battery energy storage scheme (BESS) valued at £750m and 1GW. Carlton Power is aiming to have the project in full ...

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 ...



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

Jan 13, 2025 · The project, which got the green light from Trafford Council in summer 2023, will be Statara's largest consented battery storage development to date. Statara Energy was founded ...

Statera Energy Secures 680MW BESS Project, One of Europe's Largest

Jan 10, 2025 · The Carrington Storage project, situated at Trafford Low Carbon Energy Park in Greater Manchester, is set to become one of the largest BESS facilities in Europe upon full ...

GRADE A BATTERY

LiFePO₄ battery will not burn when overcharged, over discharged, overcurrent or short circuited and can withstand high temperatures without decomposition.



51.2V 150AH, 7.68KWH

Eclipse and Carlton plan major energy park in Manchester to ...

Jul 30, 2025 · UK microgrid developer Eclipse Power has partnered with UK energy infrastructure developer Carlton Power to develop an energy park in Manchester, conceived to host a large ...

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