

## Solar Storage Container Solutions

# Large-scale energy storage investment project in Manchester UK

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## Overview

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Highview Power has announced a significant £300 million funding boost for constructing the UK's first commercial-scale liquid air energy storage (LAES) facility in Manchester. What is Carlton power's £300m liquid air energy storage project?

Carlton Power, the UK energy infrastructure development company, is pleased to announce that Highview Power's £300m liquid air energy storage (LAES) project will be the first energy scheme to be built on its Trafford Low Carbon Energy Park, at Carrington, eight miles south of Manchester.

How can energy storage help save Britain's energy costs?

By capturing and storing excess renewable energy, which is now the cheapest form of electricity, storage can help keep energy costs from spiralling, and power Britain's homes with 24/7 renewable clean energy.

Is Manchester energy planning a large-scale 5mw/15mwh project?

The company has had a smaller-scale 5MW/15MWh project operational, also in Manchester, since 2018. It first revealed plans for a large-scale project in Carrington in 2019 which the then-CEO told Energy-Storage.news would start construction the following year.

Who owns Trafford low carbon energy park?

The c12 hectare Trafford Low Carbon Energy Park is wholly owned by Carlton Power. Highview Power announced on June 13th that it had secured a £300m investment to build its first commercial-scale LAES plant: from the UK Infrastructure Bank, Centrica and a syndicate of financial investors.

How will storage impact the future of energy?

It will also contribute materially to increasing utilisation of green energy generation, reducing energy bills for consumers and providing significantly improved energy stability and security. Richard Butland, Co-Founder & CEO of

Highview Power said: “ There is no energy transition without storage.

Is long-term energy storage a good idea?

Julian Leslie, Director & Chief Engineer National Grid ESO said: “Integrating long duration energy storage into the grid is going to be vital to delivering the UK’s long term energy strategy. Our recent Future Energy Scenarios report shows that 4GW of liquid air storage will be required over the coming decades.

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### 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 ...

### UK Infrastructure Bank, Centrica & Partners ...

Jun 13, 2024 · Highview Power has secured the backing of the UK Infrastructure Bank and the energy industry leader Centrica with a £300 million investment ...



### Fossil fuel plant in England will get 250MWh liquid air energy storage

Oct 22, 2019 · UK liquid air energy storage (LAES) start-up Highview Power said its first ever 250MWh 'Cryobattery' installation will be placed at the site of a decommissioned thermal ...

### Highview Power Secures £300 Million for ...

Jun 15, 2024 · In 2023, Britain allocated £800 million to wind farms for curtailment. Once completed, the Manchester facility is expected to

feature a storage ...



## UK's Highview Power bags £300 mn for 6-hour ...

Jun 14, 2024 · British firm Highview Power, which specializes in liquid air energy storage, has raised £300 million (\$384 million) to set up its first large scale ...

## UK's largest Battery Storage Project Secures Planning ...

Jan 30, 2025 · This represents a significant step in EIG's commitment to advancing large-scale energy assets in the UK and driving the country's shift to a more sustainable, low-carbon ...



## 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 ...

## UK group plans first large-scale liquid air energy ...

Nov 14, 2022 · UK energy group Highview Power plans to raise £400mn to build the world's first commercial-scale liquid air energy storage plant in a potential ...



## Highview Power selects 'core' turbomachinery

Apr 22, 2021 · Liquid air energy storage (LAES) company Highview Power has chosen Volkswagen subsidiary MAN Energy Solutions to provide turbomachinery which will form the ...



## Biggest projects in the energy storage industry in 2024

Dec 25, 2024 · Following similar pieces in 2022/23, we look at the biggest energy storage projects, lithium and non-lithium, that we've reported on in 2024.



## New Manchester Energy Park offers World Class Power ...

New Manchester Energy Park offers World Class Power Infrastructure for Hyperscalers Leaders in electricity networks and generation sign joint development agreement for nationally ...



## 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 ...



## Innovative energy storage firm raises £300m for ...

Jun 13, 2024 · A £300m investment from a host of prominent backers is enabling the construction of one of the world's largest long duration energy storage ...

## Pulse Clean Energy secures 72MW of BESS in Manchester

Mar 1, 2023 · Image: Flickr (Michael Durham). Battery storage developer Pulse Clean Energy has completed the acquisition of 72MW of battery energy storage systems (BESS) in Manchester. ...



## UK gives green light for 'world's largest' battery project

Jul 26, 2023 · A multi-project site on an old UK coal power plant, will be home to what developers are calling the world's largest battery storage system.

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