



Energy storage project in Manchester UK





Overview

Highview Power is creating the largest energy storage facility of its kind, which will store surplus electricity from wind and solar farms. The two-stage Hunterston project is supporting 1,000 jobs on site during construction and 650 jobs in the supply chain.

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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. This substantial investment is spearheaded by the UK Infrastructure Bank (UKIB) and energy powerhouse Centrica, with.

The University of Manchester is to lead a major new research collaboration to develop GPStore, a pioneering long-duration energy storage technology that could play a vital role in supporting the UK's transition to net zero. The project, led by Professor Yasser Mahmoudi Larimi from The University of.

London and Manchester, 21 November 2025: Highview, a global leader in long duration energy storage solutions (LDES) today welcomed Andy Burnham, Mayor of Greater Manchester, to the official breaking of ground for its new facility – the world's largest commercial-scale liquid air energy storage.

Liquid air energy storage firm Highview Power has raised £300 million (US\$384 million) from the UK Infrastructure Bank (UKIB) and utility Centrica to immediately start building its first large-scale project. The funding will enable Highview to launch construction on a 50MW/300MWh long-duration.

The University of Manchester has been awarded a £3 million grant to lead an



ambitious new project to advance long-duration energy storage. With the UK's energy system transforming rapidly towards renewables, the ability to store power for use when the sun isn't shining and the wind isn't blowing is.



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University of Manchester to lead £3m project to transform long ...

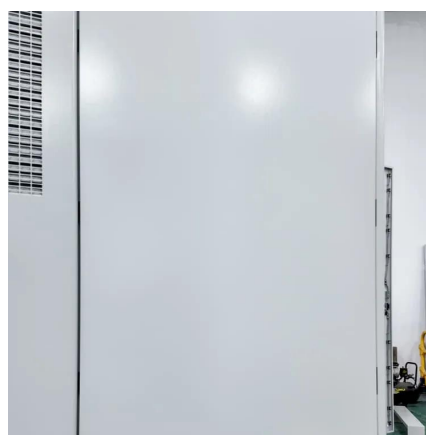
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Highview bags £300m for large-scale liquid air energy storage unit

The funding will enable Highview to launch construction on a 50MW/300MWh long-duration energy storage (LDES) project in Carrington, Manchester, using its proprietary liquid ...

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Highview Power Secures £300 Million for Pioneering Long-Duration Energy

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 ...



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Invest in Manchester , £300m Liquid Air Energy Storage Facility ...

Highview's liquid air energy storage system captures excess renewable energy when demand is low, and stores it as liquid air, for hours, days, or even weeks. When it is ...

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Greater Manchester: £300m energy storage plant to create 700 ...

Work has begun on a £300m energy plant which will store surplus electricity from wind and solar farms in the form of liquid air. The facility at Carrington near Manchester, ...

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How Manchester's £3m Energy Storage Project Could Power a Greener UK

In this article, we explain why long-duration energy storage is crucial for the UK's transition, how the new Manchester project could help, and what it means for both the industry ...

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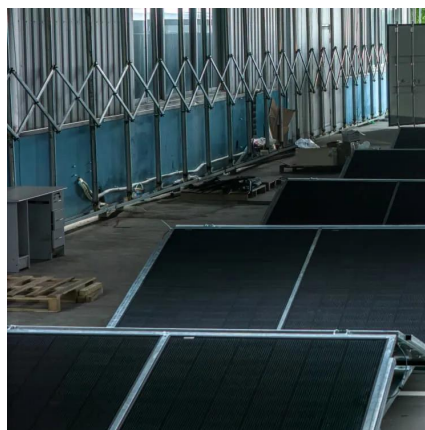
Highview Power project set to deliver



liquid air energy storage to the UK

An engineering-led collaboration between Sulzer and Highview Power will help provide long-duration energy storage at Highview Power's new facility at Carrington, ...

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[Manchester at the Forefront of Long-Duration Energy Storage](#)

Manchester is playing a leading role in reshaping the future of long-duration energy storage, supporting the UK's transition to a net zero energy system. The University of ...

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