

Manchester Power Air solar container energy storage system UK

Why is renewable power important for Greater Manchester?

Speaking at today's ceremony, Mayor of Greater Manchester, Andy Burnham, said: "Storing renewable power so it's there when people need it will be essential for Greater Manchester in the years ahead. This project is an important step in that direction, and it's already supporting jobs and skills in the area through its construction and supply chain.

How will 'renewable power' benefit Greater Manchester?

The project will connect to local transmission infrastructure and include a stability island to support grid resilience and reduce the risk of outages. Mayor Andy Burnham said: "Storing renewable power so it's there when people need it will be essential for Greater Manchester in the years ahead.

Where will a liquid air energy storage plant be built?

Construction to begin imminently at commercial-scale liquid air energy storage (LAES) plant in the United Kingdom. Major investors include Centrica, which joins as a strategic partner. From pv magazine ESS News

How long can a solar energy storage system last?

Unlike other storage technologies, LAES can operate without degradation for between 40 and 50 years and is fully locatable and modular. It is ideal for firming intermittent renewables, reducing curtailment and supporting the transition from fossil fuels to wind and solar.

"Storing renewable energy power so it's there when people need it will be essential for Greater Manchester in the years ahead," Greater Manchester mayor Andy Burnham said at the ...

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 needed, the air ...

Energy storage innovation powers Highview scale-up 12 February 2025 Highview Power is creating the largest energy storage facility of its kind, which will store surplus electricity from wind ...

Highview has officially broken ground on its new liquid air energy storage (LAES) facility in Carrington, Manchester, with Mayor of Greater Manchester, Andy Burnham marking the start of ...

Mayor of Greater Manchester Andy Burnham officially marked the commencement of construction at Highview's 300MWh liquid air energy storage facility.

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 ...

In the city of Manchester, United Kingdom, construction has begun on the world's largest liquid air battery for renewable energy storage conversion. This facility, which will be able to supply ...

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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 ...

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

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