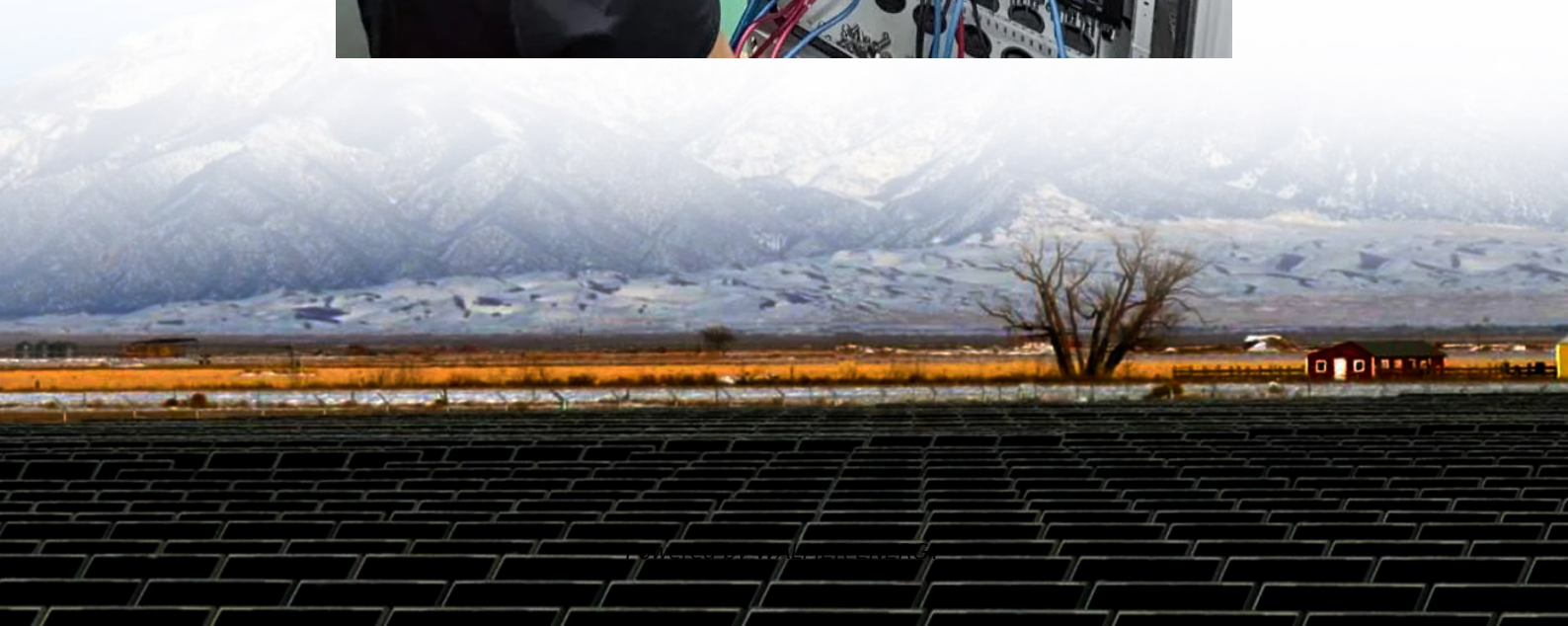


# Liquid Cooling Energy Storage Management in Manchester UK





## Overview

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What is liquid air energy storage (LAES)?

This process is known as curtailment, and the issue continues to grow as the UK introduces more wind power supply into the grid. Highview Power's liquid air energy storage (LAES) system provides a way to deliver more renewable energy into the power grid through its storage technology.

How many mw can a liquid air energy storage plant produce?

The facility is expected to have a storage capacity of 300MWh and deliver an output of 50MW for up to six hours. Credit: Highview Power. Highview Power has secured a £300m (\$383m) investment for its first commercial-scale liquid air energy storage (LAES) plant in the UK.

How does a liquid air energy storage system work?

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 is expanded to generate electricity, delivering 100% clean, dispatchable power.



## Liquid Cooling Energy Storage Management in Manchester UK

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Mayor of Greater Manchester Andy Burnham officially ...

Nov 21, 2025 · London and Manchester, 21 November 2025: Highview, a global leader in long duration energy storage solutions (LDES) today welcomed Andy Burnham, Mayor of Greater ...

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Highview Power secures £300m for UK LAES energy storage

Jun 13, 2024 · Highview Power has secured a £300m (\$383m) investment for its first commercial-scale liquid air energy storage (LAES) plant in the UK. The funding, led by the UK ...

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World's largest commercial liquid air energy storage facility ...

Dec 3, 2025 · Highview - a global leader in long duration energy storage solutions (LDES) - welcomed Andy Burnham, Mayor of Greater Manchester, to the official breaking of ground for ...

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New Liquid Air Battery Project Aims To ...

Highview Power secured a £300 million investment to build the world's biggest liquid air energy storage facility in Carrington, Manchester. This ...

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Highview Power project set to deliver liquid air energy storage to the UK

Sep 11, 2025 · 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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Invest in Manchester , £300m Liquid Air Energy Storage ...

Nov 27, 2025 · Highview, a global leader in long duration energy storage solutions (LDES) welcomed Andy Burnham, Mayor of Greater Manchester, to the official breaking of ground for ...

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Highview Power secures £300m for UK LAES ...

Jun 13, 2024 · Highview Power has secured a £300m (\$383m) investment for its first commercial-scale liquid air energy storage (LAES) plant in the UK. ...

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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 ...

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New Liquid Air Battery Project Aims To Revolutionize Energy Storage

Highview Power secured a £300 million investment to build the world's biggest liquid air energy storage facility in Carrington, Manchester. This marks a significant step towards the UK's net ...

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Liquid air energy storage startup Highview breaks ground at 300MWh UK

Nov 26, 2025 · Mayor of Greater Manchester officially marked start of construction at Highview's 300MWh liquid air energy storage facility.

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

Jun 15, 2024 · 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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### UK to build one of the world's largest LDES and the country's ...

Jun 19, 2024 · Carrington, a village and civil parish in the Metropolitan Borough of Trafford, Greater Manchester, is set to be home to the UK's first commercial-scale liquid air energy ...

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

Jun 15, 2024 · Highview Power has announced a significant £300 million funding boost for constructing the UK's first commercial-scale liquid air ...

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