

Case Study

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Logistics & Distribution Company Energy Site Survey

The Challenge

The client, a large logistics and distribution company based in the Midlands, required an energy site survey for one of its large distribution warehouses which had an area of 225,000 square feet and which contained three cold storage units, an ambient storage unit and office space.

The Solution

The energy site survey identified a number of potential opportunities for the client to improve energy and water efficiency at their site. A full proposal was developed off the back of this survey which prioritised the actions that are either considered to be crucial to enabling further efficiency measures to be quantified and realised or have quantifiable savings.

The Outcome

It was clear from discussions with the client's management and review of the sites performance that there is a strategic requirement for improved energy monitoring capability.

The client would like to understand how their energy consumption is broken down between the various processes taking place on site and specifically would like the ability to investigate the performance of the three different chilled storage areas, particularly as one storage area was only recently built and no monitoring had been considered in the design stage to measure its performance.

Similarly there were a number of potential energy efficiency opportunities where additional energy consumption data could accurately quantify cost benefits to support a future business case. This included upgrading lighting to LED and installing solar photovoltaic panels on the roof of the building.



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