

Evidenced Savings for major UK supermarket

Find out how we significantly reduced energy consumption for a major UK supermarket

This major UK supermarket is a leading British multinational grocery and general merchandise retailer, founded in 1919. It operates thousands of stores worldwide, offering a wide range of products including food, clothing, electronics, and financial services. Known for its customer-centric approach, it is one of the largest and most well-established supermarket chains in the UK.

Potential annualised Savings based on this pilot of a major UK supermarket



Energy: 437,182 kWh

Financial: €131,154

Carbon: 90.53 tonnes



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THE PILOT

1 enPact unit was installed and connected to a freezer at one of the stores of a major UK supermarket. In order to accurately measure the kWh consumption of the unit, a smart meter was connected to the system compressors of the freezer unit. The unit was activated on September 5th 2024 and set to run for 7 days of enPact ON, followed by 6 days of enPact OFF. The data from the metered unit has been downloaded and analysed and is available to be viewed upon request.

THE OUTCOME

enPact Refrigeration was tested at the supermarket site over a 14 day period in November 2024. A 18.79% reduction in energy consumption was achieved, resulting in an annual energy saving of 19,976.45 kWh

THE SAVINGS

Annual Savings based on this pilot :



Energy Savings:
19,976.45 kWh

28.19%



Carbon Savings:
4136.60kg



Financial Savings:
€ 4794.35

Payback
23
months

Get in touch with our experts and start reducing your energy consumption.