

Evidenced Savings for Fast Food Chain

Find out how enPact technology significantly reduced energy consumption for a major fast food chain

This global fast food chain originating from America, known for its affordable pricing and celebrated for its consistent menu. It operates in numerous countries, has a widespread presence and serves millions of customers daily.

Potential Annual Savings across 94 stores of the same fast-food chain in Ireland



Energy: 171,550 kWh

Financial: €51,465.00

Carbon: 35.52 tonnes



+44 1642 049024

enquiries@emissis.com

www.emissis.com

THE PILOT

The enPact unit was installed and connected to a chiller at one of their stores in Ireland. A smart meter was connected to the system compressor of the goods in the chiller cold room unit to measure the kWh consumption of the unit accurately.

The unit was activated on August 28th 2024, and set to run for one week of enPact ON, followed by one week 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 restaurant in Ireland over a 14 day period in August 2024. A 45.57% reduction in energy consumption was achieved, resulting in a daily energy saving of 5 kWh which an annual saving of 1,825 kWh.

THE SAVINGS

Annual Savings based on this pilot consisting of one chiller:



kWh

Energy Savings:

1,825.00 kWh

45.57%



CO2

Carbon Savings:

377.91 kg



Financial Savings:

€547.50

Payback
18
months

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