

Energy audits and ESOS compliance

Client: Greencore

Sector: Food and drink manufacturing

Benefits achieved

Savings of **£6.3m pa** identified, potential **energy consumption reduction of 18%** and a reduction of over 15,000 tCO₂e of GHG emissions.

Summary

Greencore Group PLC is a leading manufacturer of convenience foods supplying a wide range of chilled, frozen and ambient foods to some of the most successful retail and food service customers in the UK.

Employing 13,300 colleagues across some 35 manufacturing, distribution and warehouse sites located across the UK, the business consumes over 450,000,000 kWh of energy every year.

Scope

JRP Solutions were selected by Greencore to deliver a series of energy audits across their estate to help identify improvement opportunities and projects that would help them to reduce their energy consumption and costs and to ensure compliance with ESOS (Energy Savings Opportunity Scheme) regulations.

JRP:

- Reviewed previous energy surveys
- Completed a regression analysis of sites to be audited
- Investigated the sites' MM&T systems
- Reviewed existing energy management practices
- Carried out energy efficiency audits of 15 sites
- Completed an audit of transport related energy usage
- Identified over 100 improvement opportunities and projects



Results

Greencore appointed a Continuous Improvement Manager, tasked with helping individual sites to implement the no cost/low-cost opportunities.

A new MM&T system was also installed at all manufacturing sites designed to provide consistent and accurate energy data and reporting.

In addition, the central Projects Team further developed some of the CAPEX projects including renewables such as solar PV.

Many of the identified improvement opportunities have since been implemented and when completed will result in:

- ✓ 18% reduction in energy consumption
- ✓ Over £6m cost savings
- ✓ 15,000 tCO₂e reduction in GHG emissions



For more information about any of JRP's services, visit our website or email info@jrpsolutions.com