



Consolution

"Solutions for a more efficient business"

➤➤ **Case Study:**
Energy Efficiency Services

➤➤ **Customer:**
Sharp Interpack

➤➤ **Project:**
Energy Efficiency Surveys

Our Challenge:



Sharp Interpack is the UK's number one manufacturer of rigid plastic packaging.

We were challenged with helping them to reduce energy costs at the manufacturing plant in Bridewater and implementing cost savings incentives on a project by project basis.

At the time of the project, the Bridgewater plant was consuming more than 2.2 million kwh of electrical energy per month with plans to expand in both areas of the production plant.

They have two major manufacturing processes on the site which utilise state of the art extrusion and thermoforming machinery and considerable common services equipment such as: compressed air, heating, cooling and vacuum plant.





“Consolution believe that great relationships with clients are the key to success - we aim to meet and beat their expectations. Our excellent feedback is an indication of our success!”

Brian Kirkland, Director

Client Comments

Consolution very quickly identified a number of sensible and cost effective energy ‘cost reduction’ opportunities and they are continuing to work closely with us to help unlock the savings.

We have already seen a considerable reduction in electricity consumption by implementing the quick payback projects such as lighting, process water cooling system efficiency and machine controls

Their approach is hands-on and professional and they are very knowledgeable about how to become more energy efficient. They collaborated well with our people to ensure that energy conservation becomes part of the culture at Sharp.

Karl Brown:
Manufacturing Director

The Solution:

We were able to identify a list of energy efficiency opportunities for the extrusion plant and the thermoforming plant. The potential saving if all projects were implemented, would be in excess of £100,000

We are in the process of implementing a number of the no cost and low cost opportunities and Sharp Interpack Management is considering capital investment to attend to the CAPEX projects. We expect the energy consumption to reduce by 15-20% by the end of 2009.

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