



£120k energy savings in the first year

THE CLIENT

The RPC Group is Europe's leading manufacturer of rigid plastic packaging. With just under 50 autonomous sites in 12 countries, the company employs in excess of 6,500 people.

THE BRIEF

RUMM was asked to investigate energy usage at RPC's Llantrisant plant and provide solutions and suggestions for reducing the annual energy bill.

THE PLAN

The installation at RPC was carried out in two stages.

Following the completion of the aM&T system, where 17 meters were installed across the site, a benchmarking exercise then took place in order to ascertain where energy was being used and equally where it was being used non-efficiently.

RUMM and RPC then engaged in an energy management partnership to achieve savings. This included regular weekly meetings to discuss options that could save the company money.

The main areas targeted were chippers, high and low pressure compressors, dryers, leak detection, lighting and chillers.

Site analysis was carried out based on production output, SEC and this was benchmarked to reduce consumption.

THE RESULTS

As a result of the measures put in place, energy consumption in the first 5 months dropped from 1354528 Kwh to 1131995Kwh, with specific energy consumption reducing by 14%. This equated to a £120k saving in the first year alone.

WHY IT WORKED

A key reason for the success was the close working relationship between RUMM and RPC. The general manager was committed to the project and encouraged the whole company to make it a success.

"RUMM pushed us, the staff responded and with a target of a 17% reduction in 2 years, we achieved more than 10% in one year alone.

The actions ranged from monitoring and targeting specific areas, to simply installing time switches on lighting - but the savings were there.

On behalf of RPC Llantrisant, I have no hesitation in recommending RUMM to reduce your energy consumption."

Mark Richards & John Bedgood, RPC Containers

KEY POINTS

- £120k savings in Year 1
- Specific energy consumption reduced by 14%
- Site wide visualisation of energy
- Ongoing energy management services to reduce consumption