



Return on investment in just 8 months

THE CLIENT

Continental is one of the world's leading automotive industry suppliers. Founded in 1871, the company operates in 39 countries and is the second largest automotive supplier in Europe.

The Continental Teves plant in Ebbw Vale produces automotive brake callipers for niche and high performance vehicles.

THE BRIEF

Following Consultation and Planning at the Ebbw Vale site in 2009, RUMM were asked to provide a site-wide solution that would reduce energy across the site without impacting on production output. Key to the plan was a partnership approach.

THE PLAN

RUMM initially installed 25 electricity meters which were linked to a RUMM Pulse unit that collected consumption data.

This was then fed into IBASS, RUMM's Internet Based Analytical Software Suite in order to assess where energy was being used, and equally where it was being wasted.

Projects undertaken over the last 3 years have included refinement of the low pressure and high pressure compressed air systems, as well as modifications to lighting controls and types of lighting.

Further measures were also implemented including raising energy management awareness on the shop floor via a 'Make Every Day Xmas Day' campaign. This highlighted the fact that it is the lowest consumption day of the year on most manufacturing sites and encouraged employees to try and replicate this over the year.

Also targeted was the control of production machinery and their ancillary functions in order to create a detailed picture of specific energy consumption during particular periods of operation.

THE RESULTS

Against a return on investment plan to spend £100k in order to save £100k, the ROI strategy was achieved in just 12 months. The first quarterly report revealed an average 20% savings opportunity across all projects evaluated.

Since then, RUMM continues to work with Continental on a performance based contract with the objective of delivering savings over the long term.

WHY IT WORKED

A comprehensive RUMM energy management solution combined with full support and commitment from everyone at Continental Teves ensured a successful campaign which continues to generate results.

"You cannot achieve the savings without having the data. The data provided by RUMM is up to the minute, how you want it and when you want it.

Using the RUMM system we have been able to generate the information which has provided us with the focus and direction to achieve significant savings."

**Matthew Price, Engineering Manager,
Senior Management**

KEY POINTS

- **Site wide metering**
- **Return on investment in just 12 months**
- **Client commitment ensured results**
- **Data analysis highlighted key areas for targeting**
- **Wide variety of projects evaluated across the plant**
- **Shop floor involvement to help reduce energy**
- **Partnership led approach**