



£22k savings within the golf club identified in just 6 weeks

THE CLIENT

The Celtic Manor, host of the successful 2010 Ryder Cup is the most prestigious hotel in Wales.

With 400 bedrooms as well as extensive golfing and conference facilities the hotel's complex logistics made energy difficult to manage.

THE BRIEF

RUMM was asked to investigate energy usage at the resort and provide solutions and suggestions for reducing the annual £1 million energy bill.

THE PLAN

The Resort was split into three cost areas for energy management purposes and an aM&T system of 21 meters was installed.

Following a six week benchmarking period, weekly site meetings were held in order to identify 'quick wins'. RUMM immediately identified a high base load at the golf club and a night visit revealed a switch off procedure needed to be implemented, along with energy saving training for the staff.

Analysis then revealed a lack of correlation between occupancy and energy consumption which was traced back to a faulty BMS system.

Additional initiatives included the monitoring of the air handling units and introducing a timer sequence to the heat pumps.

THE RESULTS

As a result of the measures implemented at the golf club, £22k of savings were identified and proactive alarming helped to maintain these savings. Air handling units were also improved and a faulty BMS system fixed at the main resort, providing further opportunities for more savings.

WHY IT WORKED

Intuitive software and a close working relationship with key personnel allowed for a quick response to issues, resulting in immediate savings.

"The Celtic Manor Resort has always found RUMM to be very professional and pro-active in their approach to the question of understanding utility use. RUMM has proved to be an excellent business partner in terms of energy management with the savings achieved speaking for themselves.

The web-based software is very intuitive and provided help to target specific energy consumption and associated savings. Without this bespoke software we would not have found a number of the savings opportunities that have been realised to date."

Dave Lugg, The Celtic Manor Resort

KEY POINTS

- £22k savings
- 21 meter aM&T install
- Switch-off procedures & staff training
- Faulty BMS repaired
- Improved air handling units