

JURYS INN

HOSPITALITY



THE BACKGROUND

Jury's Inn Dublin Custom House is located next door to the International Financial Services Centre (IFSC) in the heart of Dublin City and offers a perfect location for any business guest or city traveller. The hotel offers 239 spacious rooms, numerous meeting rooms and a popular bar & restaurant.

Running an extremely busy hotel can be challenging and many maintenance managers can find it difficult to step away from their important day to day duties which keep everything running smoothly. The hotel were committed to reducing energy consumption levels and wanted to take part in the 'Green Tourism Business Scheme' but were concerned that energy management would require valuable time and resources.

So what could Wattics do to help?



THE ANSWER

Wattics installed an energy management solution to monitor the electricity consumption for hotel HVAC systems including air handling units and extract fans. The solution was later expanded to monitor electricity consumption in other areas such as the Kitchen with gas and water use to the hotel also monitored. The Local Area Network within the hotel was utilized to send the monitored electricity data from the meters to the online Wattics Dashboard. A GPRS telemetry module was deployed to send the monitored gas and water data to the online Wattics Dashboard.

Using the online Wattics Dashboard, the maintenance manager could quickly check the energy consumption for different hotel areas in 'Real Time'. Significant energy consumers within the hotel are also identified rapidly by the solution. Automatic email or text alerts for different areas or appliances allowed the maintenance manager to effectively manage the time needed to keep an eye on changes in energy consumption or costs.

Wattics also developed a custom Energy TV Display for the hotel lobby area which displayed the 'live' electricity, gas and water consumption for the hotel.

THE RESULTS

The Wattics dashboard identified the total energy consumption and operational times for significant energy consumers within the hotel such as the Bar & Restaurant Supply Fan, Kitchen Extract Fan and Kitchen Extract Fan. These appliances were then targeted by the maintenance manager for energy conservation measures which included fine tuning of the timer settings to match hotel operation. **The hotel was successful in reducing the energy consumption for hotel air handling units by more than 25 %.**

The custom Energy TV Display developed by Wattics also helped the hotel achieve the **Gold Standard Award in the Green Tourism Business Scheme** with the highest percentage level achieved throughout the entire Jury's Inn Hotel Group.



"If you don't know where it is going then you can't save. Wattics helped me immensely in energy saving by identifying hidden areas"

"Fascinating technology! The technology is unique in what it can do and can find out when HVAC plant is on & off, which has allowed me to find out exactly where problems are"

– John Corroon, Maintenance Manager, Jury's Inn Custom House

OTHER BENEFITS

Real-time visibility on energy use, through automatic text or email alerts.

Energy Performance Indicators to track hotel performance.

Identification of wastage and energy-saving opportunities through tailored reports, including the **Wattics WISE Report** or "Wastage Identification Saving Energy" Report.

