

# CLARION HOTEL

## HOSPITALITY



## THE BACKGROUND

The Clarion Hotel Sligo is a 4 star hotel located within walking distance from the bustling town of Sligo, Ireland. With rooms to suit every guests need, the hotel has 74 superior bedrooms and 89 suites which provide relaxing and welcoming accommodation. The hotel also provides excellent leisure facilities and conference facilities that can cater for up to 600 delegates.

In today's competitive hospitality sector, hotels are increasingly 'green aware' and challenged by rising energy costs. Hotel owners and operators recognise that reducing their carbon footprint not only resonates with customers but reduces energy spend which can greatly improve investment in facilities which can enhance their customers guest experience.

Controlling and reducing energy consumption has become an important job function for many hotel maintenance and facility managers.



**So what could Wattics do to help?**

## THE ANSWER

Wattics installed an energy management solution within the hotel main electricity distribution centre which connected to electricity circuits feeding all major electricity distribution boards and Motor Control Centres. The solution allowed electricity consumption monitoring for all the main areas throughout the hotel including the Bedrooms, Restaurant Kitchen, Leisure Centre and HVAC equipment. The Local Area Network within the hotel was utilized to send the monitored energy data from two meters to the online Wattics Dashboard.

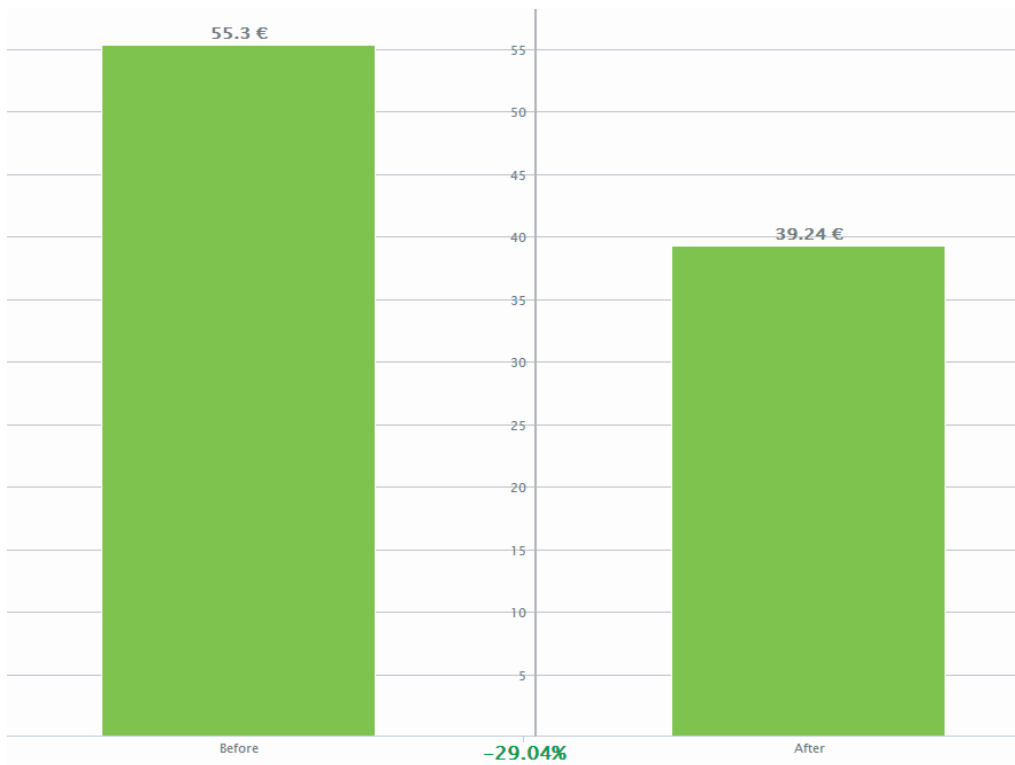
The Wattics solution enabled the facility manager to quickly identify significant energy consumers within the hotel and view energy use online for different areas in 'Real Time'.

The facility manager also used the unique 'Events Tracker' feature on Wattics online dashboard to track the cost benefit of saving actions for a Motor Control Centre powering HVAC equipment.

# THE RESULTS

Utilising the on-site building management system, the hotel facility manager could analyse the operational hours of air handling units and from this determined the optimal unit time schedules to closely match the building operation, and used the Wattics dashboard to check the new energy use under the optimal time schedules.

The Clarion Hotel was successful in **reducing the energy use of its air handling units by almost 30%** and the Wattics dashboard was utilized to assess the before-and-after picture of this energy conservation measure.



*Graphic of the Clarion Hotel AHU daily energy reduction*

# OTHER BENEFITS

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

Enter any measured value to create 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.

