

At the Maidstone hotel,
forecast annual
cost savings of

£30,900

This equates to forecast savings of

14%

of annual energy spend
for the hotel

KEY BENEFITS

COLLABORATIVE WORKING IS NEEDED TO OPTIMISE BUILDING CONTROLS

It is widely acknowledged that the majority of both modern and older buildings are not run and maintained in the most energy efficient manner.

Collaborative working is needed to optimise building controls and unlock verifiable savings.

To achieve this, Carbon Credentials has developed the Collaborative Asset Performance Programme (CAPP). This case study outlines the savings achieved using the CAPP at the Village Hotel in Maidstone.



COST SAVINGS

Forecast annual savings are set to be over £30,000, 14% of the total energy spend



REMOTE MONITORING

Remote monitoring for immediate fault identification



IMPROVED COMFORT

Improved comfort conditions and customer experience



INCREASED EFFICIENCY

More efficient use of plant equipment



By
JOHN TAYLOR
Associate Director
Energy Performance





I did not realise that so much energy intensive plant equipment ran for extensive periods of time

Ian Giblin
Maintenance Manager



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BACKGROUND



Village Hotels is a chain of 28 hotels across the UK. As a trusted partner, Carbon Credentials had previously supported the hotel chain with data collation, performance reporting and environmental compliance.

A number of quick win, low cost opportunities arose from this work.

Carbon Credentials helped Village Hotels create a robust business case and a clear plan to realise these opportunities at one pilot hotel in Maidstone, using our Collaborative Asset Performance Programme (CAPP).

PROCESS



The CAPP included optimising the building's technology whilst engaging all relevant teams, including operations, facilities management and the BMS service provider; in alignment with the business strategy of Village Hotels.

Information from a data acquisition device, site audits and collaboration with the teams, produced a list of agreed changes to achieve energy and cost savings.

OUTCOME



Significant benefits were immediately achieved, including verified forecast savings of over £30,000 (14%) per year for the Maidstone hotel.

For instance, by optimising the boiler settings, the heating requirements of the Maidstone hotel can now be met more efficiently. It now uses only one of the two boilers that were previously needed – even during colder conditions.

Furthermore, remote monitoring allows issues and faults to be quickly identified and rectified, avoiding impacts on the hotel users and potential plant damage, saving significant amounts of energy.

