



25%

potential saving
from HVAC & DHW

<12

months
typical ROI

In a typical Hotel 57% of the energy spend is HVAC and Domestic Hot Water, 25% of this is typically wasted energy. The opportunity to optimise HVAC and Building energy Management Systems exists in almost every hotel, providing a very quick payback period for the organisation paying the energy bills.

We work with hoteliers providing technology and expertise to minimise the wasted energy and ensure that their facilities are running as efficiently as they can be with minimal capital expenditure.

Optimised Hotels scales with the size of your hotel and the energy consumed, which is then directly linked to an enablement and annual fee to ensure your hotel is not only optimised, but remains this way for the long term.

Energy bills can contribute to between 5-10% of the total operating costs in most hotels

We understand that most hotels have two major costs in their business, these being people and energy. Unfortunately, both are increasing costs for the hospitality sector and costs that can soon impact the bottom line if not managed effectively. It is predicted that energy costs could double over the next 15-20 years which is why we believe now is a great time to ensure your hotel is operating as efficiently as it can with the assets and systems that you have today.

The 24-hour operation of hotels means that 'turning off' out of hours is not always an option and creative ways of 'optimising' the hotels performance is critical to minimising cost and maximising performance. Within the hospitality sector, energy costs may only be a small percentage of turnover, but reducing them can directly increase profits. Money saved on energy wastage goes straight to the bottom line which makes businesses more competitive and with rising energy prices, this is more important than ever.

Key Benefits

- Typical savings of around 8-10% of your total energy spend
- Typical ROI of 12 Months (includes some repairs and controls works)
- Single supplier for all energy needs
- Start seeing savings from 4 weeks
- Experienced team of engineers who have worked on some of the most complex facilities
- Remedial works can be undertaken by current FM, Controls and Maintenance contractors
- Any BeMS system, regardless of manufacturer or age
- Optimisation will lead to efficiencies in staff and lower operating costs

It's not just about operational savings, travellers are selecting their hotels with environmental considerations in mind

There is now strong evidence that travellers are 52% more likely to choose a hotel based on its social / environmental impact and that guests are 3x more likely to choose 'green' accommodation in 2017.

A recent hotel group sale valued the business at 14 times earnings, this equates to every £100,000 saved in energy efficiency, potentially adds £1.4 million to it's value.

Controlling energy use often makes conditions more comfortable for guests and customers - and comfortable customers will be more encouraged to return.

Energy efficiency, building energy management systems, integration and energy capital projects can be challenging, time consuming and somewhat daunting for hotel management teams - our team of energy experts become your outsourced energy manager to take care of these on your behalf.

Optimisation is our business and 'Optimised Hotels' wraps all things energy into a single proposition, based upon your needs. Providing you with a single supplier that can optimise the efficiency of your hotel and ensure it remains optimised for the long term through technology and expertise. We do this with a joined-up approach that ensures you maximise the efficiency of each element, and that they don't compromise each other through conflicting services and strategies.

Optimised Hotels

- HVAC/BeMS Optimisation
- Energy Metering & Monitoring
- Energy Audits
- BeMS Maintenance
- Bureau Service
- Integration/Capital Projects

Optimised Buildings Ltd
1 Ivanhoe Office Park, Ivanhoe Park Way
Ashby de la Zouch, Leicestershire LE65 2AB

Tel: 0333 370 2021
Email: info@optimisedbuildings.com

optimisedbuildings.com



Optimisation

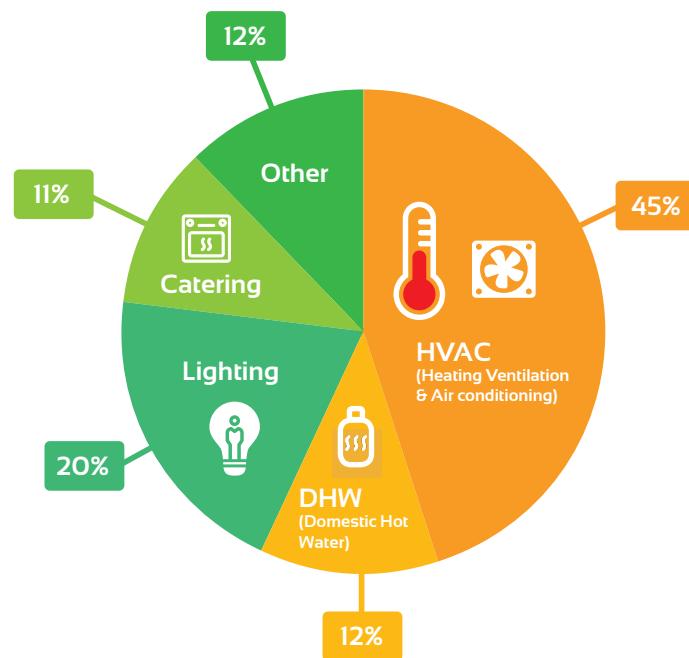
Regardless of whether your facility has undertaken extensive energy saving initiatives or this would be the first, we are confident that the savings will exist.

We will review the BeMS operation including; time schedules setpoints and control strategies along with any energy consumption data that will help us identify where energy is being wasted. We will also review the physical HVAC plant and identify areas of savings from assets configured incorrectly, equipment in manual and areas that require maintenance or repair. All of which will then be turned into a strategy agreed with the client and documented to get your hotel back on track.

Integrating the BeMS system with the Hotel's booking system can also help avoid un-necessary energy usage through control of the HVAC in the bedrooms when unoccupied.

Energy use contributes up to 60% of a hotel's carbon footprint

Typical energy use in hotels



77%
of energy is Lighting,
HVAC & Hot Water

50%
of guests prefer a
sustainable stay