



ENERGY
SAVING
BEAR



Energy Saving Case Study:

Code Pod Management Ltd: Hostel
The Loft, Edinburgh



Discover Code Hostel's The Loft in Edinburgh - a unique accommodation in a bustling city. Committed to sustainability, this hostel undertook a long-term project to cut costs and lead the way in eco-friendly hospitality. Learn how this hostel is setting a new standard in sustainability.

The Genius Behind the Solution

Installing Eyes on the Energy

To tackle a problem, you must first identify it. Energy monitoring was carefully implemented to track usage on every floor, in the kitchen and for hot water, providing a comprehensive overview of energy consumption.

This crucial step eliminated previously hidden issues, allowing data to guide us toward optimal performance.

Uncovering the Energy Conundrum

A Unique Energy Challenge

To make a hostel truly unique in today's competitive market, it's more than just having trendy décor or picture-perfect designs. It's about embracing sustainability in every aspect of the guest journey.

When Code Hostels assessed their energy usage, they realised they needed to find a solution. Despite being committed to reducing their carbon footprint, the hostel found themselves trapped by outdated and inefficient systems that were hindering their green efforts.

The Radiator Riddle and Immersion Heater Mystery

Right from the start, it was clear that the electric radiators and hot water immersion heater were causing significant issues. The radiators ran for lengthy periods without control. In addition to this, technical problems with the hot water system caused consumption spikes and maintenance headaches. It was evident that the current situation was not sustainable for both the environment and business finances.

Window Woes

The building's structure became a focal point as secondary glazed windows led to thermal inefficiency and drafts. This trifecta of challenges - control issues, equipment efficiency and a legacy building highlights the pressing need for intervention.



Upgrading for Visibility and Control

With the radiators, the solution was elegant in its simplicity. Upgrading to Wi-Fi-enabled radiators did more than just bring the hostel into the modern age; it granted control and visibility that the management had always needed.

Now, every watt of energy invested in heating counted and excess was no longer an effortless drain on resources.

Bypassing the Hot Water Hurdle

A deeper examination of the immersion heater pointed towards a malfunctioning temperature sensor. The fix was straightforward and quick. With a restored sense of control over hot water production, the Hostel not only curbed consumption but also eliminated any future guest discomfort from hot water failures.

Window to the World of Efficient Design

The final piece of the puzzle was the building fabric. The solution lay in modern double-glazed windows that spelled the end of the secondary glazing woes.

Now, comfort and thermal efficiency went hand in hand, while the heating systems could operate at their designed efficiencies, undisturbed by leaks and drafts.

Results that Echo Beyond the Walls

A Reduction that Resonates

Since the project's inception in 2019, The Loft Hostel has managed to slash its annual kWh consumption by an impressive 35%. These are not just numbers; they represent a philosophy put into practice.

The energy saved echoes the hostel's commitment to a greener future and serves as a blueprint for other hospitality establishments looking to make a tangible impact.

Leveraging Engagement Through Eco-Awareness

The Hostel went beyond making internal changes by launching an outreach program that involved guests in a sustainability movement. Encouraging actions like turning off lights and taking shorter showers were seen as positive and eco-friendly.

Sustainability wasn't just talked about, it was put into action, creating a guest experience that values both comfort and conscience.

The Vision for Total Transformation

Looking forward, Code Pod Management has an ambitious vision. Our future plans involve switching to air source heat pumps for our heating system plus moving to 100% renewable electricity. This not only eradicates our carbon footprint but also sets a sustainable precedent for the industry. This study provides valuable insights and inspiration for hostel owners and energy professionals looking to reduce consumption and create a brighter future.

Contact: Jamie Greig

London:

7 Hawkes Leap,
Windlesham, Surrey, GU20 6JL

Edinburgh:

39 ½ Hanover Street,
Edinburgh, EH2 2PJ

E: jamie@energysavingbear.com

T: +44 131 202 8121

W: energysavingbear.com