



OH4 ENERGY SAVING
CASE STUDY:
WEAREBAUER GROUP,
CORNWALL

2026.02.19 V2



The Wearebauer group has a large commercial landlord who is at the leading edge of carbon reduction within their portfolio. The property is a single unit in a wider industrial estate. The heating and hot water are provided by a 30KW Combi boiler piped to a radiator system. As part of their drive towards net zero, Wearebauer were keen to explore how OH4 could help them reduce their carbon footprint and heating costs.



Total Savings: 16%

The Challenge:

The unit has a relatively low consumption, with heating used only during office hours. However, the client is looking for opportunities to lower carbon consumption across their wider estate. The client's annual consumption of gas prior to installation of OH4 was **10,507 kWh**, representing **1.9 tonnes of carbon** being emitted each year, at a cost of £735 per year. This represents a significant direct carbon emission that could be reduced in order to meet their carbon goals. In line with their sustainability and cost reduction targets, they were keen to explore the OH4 Energy Saving System as a potential solution that does not involve expensive investment in new equipment.

The Solution:

After a short site visit, it was agreed that OH4 be installed at the premises. With no need for any downtime on the heating and hot water system and access only required in the plant rooms, it was shown that there would be no disruption to operations. OH4 was fitted in the plant room. The installation took place in May 2024, taking less than 1 hour.

Financial Benefits:

Based on the data collected between May 2024 and May 2025, the unit has seen a **reduction in kWh per degree day of 16%**. This represents a cost saving of **£117.60 and an ROI of 33.6%**.

Carbon Saving:

In addition to monetary savings, the Wearebauer group has reduced its CO2 emissions from its heating system. The office has seen an anual reduction of **400kg of carbon**.

Date Range	May 2023-2024	May 2024-2025
KWh Gas Used	10,507	9322.34
Degree Days	2200.1	2320.7
Adjusted KWh Gas Used	10,507	8825.89
Cost of Gas Used	£735	£617.4



