



OH4 ENERGY SAVING
CASE STUDY:
THE DEVON CHAMBER OF
COMMERCE OFFICES, PLYMOUTH

2026.02.17 V2

The Devon Chamber of Commerce operate from a office unit in Plymouth. The building is of late 20th-century construction, on a single floor with parking outside. The heating and hot water are provided by a single 60KW boiler piped to a radiator system and hot water tank. As part of their drive towards net zero, the Chamber were keen to explore how OH4 could help them reduce their carbon footprint and cost of heating.



Total Savings: 20%

The Challenge:

The Client's annual consumption of gas prior to the installation of OH4 was **30,952 kWh**, representing **5.6 tonnes of carbon** being emitted each year at a cost of **£2,600 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 (OH4) as a potential solution that didn't require extensive 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 April 2024, taking a total of 1 hour.

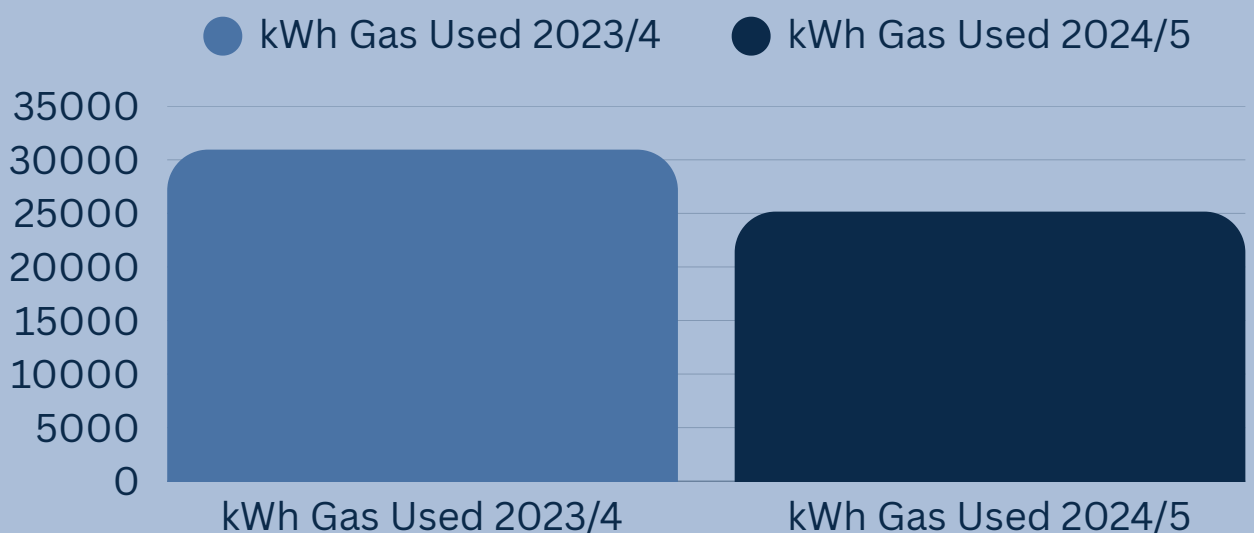
Financial Benefits:

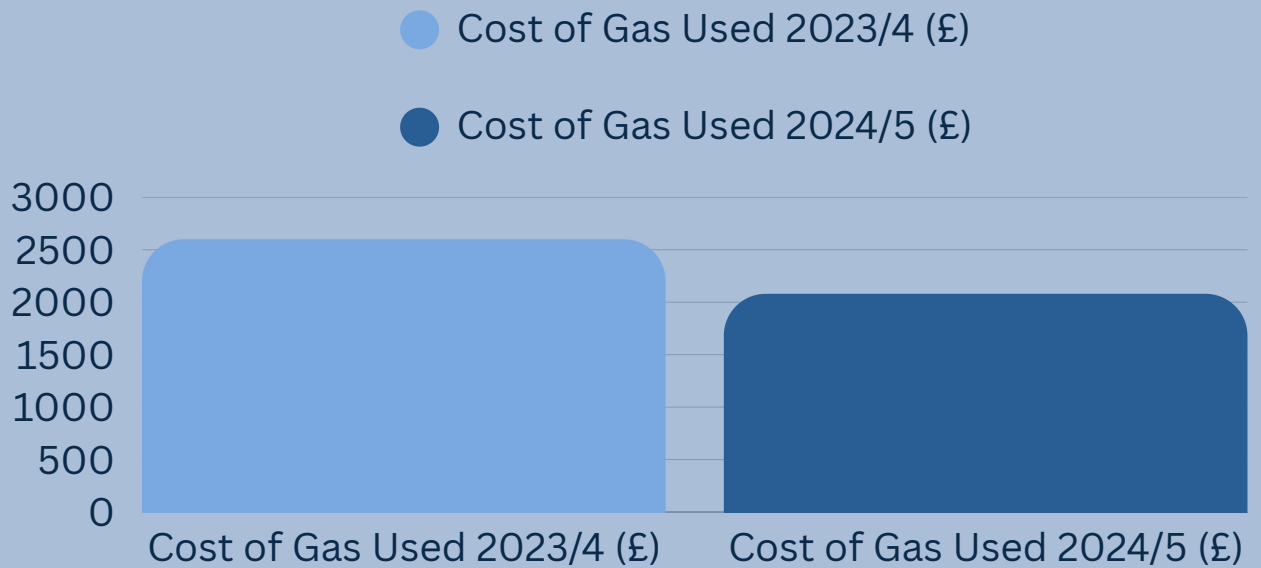
Based on the data collected between April 2024 and June 2025, the Chamber of Commerce has seen a reduction in kWh per degree day of **20%**, representing a saving of **£520 over a year** and a **return on investment of 66.85%**

Carbon Saving:

In addition to monetary savings, the Devon Chamber of Commerce has reduced its CO2 emissions from its heating system. The office has seen a reduction of **1.175 tonnes** of carbon.

Date Range	April 2023-2024	April 2024-2025
KWh Gas Used	30,952	25,165
Degree Days	1787.2	2176.1
Adjusted KWh Gas Used	30,952	24,761.4
Cost of Gas Used	£2600	£2079.96





From Clare Baker,
Devon Chamber of Commerce:

“With our strategic priorities being People, Purpose and Planet, we were excited when OH4 Heating joined the Chamber of Commerce and showed us Steve’s energy and cost savings solution. Perfect in its simplicity, effectiveness and accessibility to all, both in a business and residential setting. Steve has been great to work with, giving regular updates on outcomes and is quick to respond. We have been delighted with the savings to date. Not only does a reduction in costs mean we can invest that money back in our members, but it is also helping to reduce our energy usage and footprint on the planet.”