

# Glenmorangie

Cutting energy costs in half through strategic building optimisation.



## GLENMORANGIE

Glenmorangie has been crafting whisky in the Scottish Highlands since 1843, earning a reputation for producing some of the world's most popular single malts. Today, the distillery is part of the prestigious Louis Vuitton Moët Hennessy (LVMH) group, alongside iconic luxury brands like Moët & Chandon, Dom Pérignon, Krug, and Veuve Clicquot.

### Challenge

Glenmorangie's bottling facility in Alba, Livingston, was facing high energy costs and inconsistent temperature control across the site.

While a Building Energy Management System (BEMS) was in place to centrally manage energy use, Glenmorangie sought a more focused solution to improve energy efficiency, reduce costs and create a more comfortable environment for staff and visitors.

### Solution

Zenergi installed an Automatic Monitoring and Targeting (AM&T) sub-metering platform. The aim was to track temperatures and energy consumption and identify efficiencies.

### Key findings

We quickly discovered that temperatures were regularly exceeding 25°C, largely due to the location of wireless temperature sensors across the site.

By relocating these sensors, we achieved an immediate **6% reduction in gas consumption** through better temperature control.

Next, we assessed the compressors, which included both large and small compressors which were manually switched depending on demand.

We found that the large compressor was left on for a longer period than required. By adjusting the controls we reduced excess energy consumption from the compressors.

Additionally, during the site closure due to the COVID-19 pandemic, we worked closely with the site team to minimise energy consumption by ensuring the building, compressors and air handling units (AHUs) were reduced in line with occupancy.

Through these targeted control optimisations, Glenmorangie benefitted from improved comfort for occupants within the facility and significant energy savings.

Overhead savings:

# 59%

reduction in electricity consumption

# 52%

reduction in gas consumption



The entire Glenmorangie team is delighted with the support Zenergi Group offer and the way they conduct their business – very professional.

We have achieved savings of 55% during this period and identified areas to focus and maintain savings in a structured approach going forward.

**Michael Scotland**  
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Glenmorangie