

NATIONAL RESTAURANT GROUP ACHIEVES BREEAM RATING OF EXCELLENT USING ENISTIC TECHNOLOGY

BREEAM®

The world's leading
design and assessment method
for sustainable buildings

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Background

A national chain operating over 400 restaurants in the UK planned a multi-site roll out of new restaurants. As is usual for all commercial new builds they were required to achieve the highest standard of environmental sustainability as a condition of their planning consent. BREEAM sets the standard for best practice in sustainable design and has become the de facto measure used to describe a building's environmental performance. It recognises and encourages the installation of energy sub-metering that facilitates the monitoring of operational energy consumption. A BREEAM rating of "Excellent" was required as a condition of the planning consent.

About BREEAM

The compulsory BREEAM assessment uses recognised measures of performance, which are set against established benchmarks, to evaluate a building's specification, design, construction and use. Part of the BREEAM assessment is ensuring the site is fully energy efficient and that a suitable energy management system has been put in place to monitor the energy consumption. As Enistic's energy management system provides data to meet the BREEAM requirements, the contractor engaged by the restaurant group approached Enistic to install Energy Monitoring to achieve full compliancy.

The Project

The contractor called on Enistic's expertise in the energy monitoring and submetering sectors to provide the technology required to meet the BREEAM requirements. The Enistic submetering solution identified areas which provided cost and carbon savings with minimal associated costs. It:

- measures consumption and monitors that consumption against targets
- identifies areas of waste
- sets consumption targets and alerts
- analyses consumption patterns
- allocates costs accurately
- informs the forecasting, targeting and budgeting processes
- includes leak detection systems

Enistic submetering was supplied to the contractor along with a white label software solution for ongoing energy monitoring.

Outcome

The planning consent was granted on the condition that the building achieved a high standard of environmental sustainability. Enistic's energy monitoring solution contributed to the required BREEAM points level to meet the requirements of the assessment.

The scheme achieved a rating of BREEAM "Excellent".