



Background

Greggs is the leading bakery food-on-the-go retailer in the UK. They can be found on the UK's high streets, local shopping parades, and, increasingly, retail, industrial and business parks, airports, bus/rail interchanges, and universities. They are a baker and a retailer, with ten regional bakeries supplying 1,671 shops; a central savoury production unit; and their own fleet of 375 delivery vehicles. They currently employ approximately 20,000 people.

Enistic were engaged by Greggs in 2012 for a pilot project in selected stores to monitor energy consumption.

The Project – How we did it

The solution employed by Enistic involved the installation of distribution and circuit board sub-meters in selected stores, with the aim of gathering usage data to inform their understanding of their energy consumption. The metering covered all appliances and items of equipment.

The pilot program included:

- Installing smart meters in a number of stores to gain an in-depth understanding of how each item of equipment uses energy and how this varies over a 24 hour period.
- Monitoring energy usage over half hourly periods and identifying potential issues.
- Analysis of consumption data by a third party sustainability consultant engaged by Greggs directly.

Outcomes

The Enistic submetering equipment required for this project was supplied directly to Greggs who then re-cycled and redeployed throughout their retail estate as required. Data was analysed separately by a sustainability consultant allowing conclusions to be extrapolated across the whole estate. Enistic supplied Greggs directly with the metering equipment and handed over the project after installation to the Greggs facilities/engineering department.

This solution is economic as equipment could be re-used throughout the group.