



Case Studies

How the IEG Performance device has helped different businesses reduce their energy usage and measure their savings.

The project paid back in just six months. Furthermore, the delivery of the project has been seamless with minimal impact on our resources.

Energy Manager for NHS Ayrshire and Arran, Alastair Kay recalled: "We are committed to improving our energy efficiency and reducing our carbon footprint. To that end we continually look and evaluate technology for saving energy, specifically those which will deliver best value. Since the initial project we have continued to analyse the performance, and the cost savings have increased to 12%."

Case Study

NHS Ayrshire & Arran





What is the device?

A unique device to manage boilers and reduce dry-cycling. Providing the potential to save between 10–25% on your commercial gas heating costs.

The rollout followed a measurement and verification programme which showed energy savings of between 8% and 13%, validated by BT's Energy and Environment team.

Richard Tarboton, BT's Director of Energy and Carbon commented: "The M&V phase and the subsequent rollout demonstrates how the product is supporting the delivery of our energy and carbon reduction plans."

Case Study

British Telecom (BT) Plc.





Our Offering

Reduce your energy bill by 10-25%, cut fossil fuel emissions, and transform a money-draining boiler into the powerhouse for a smarter, greener building.

Cut carbon emissions, reduce operating spend, achieve regulatory targets

High return on investment with paybacks normally between 6 and 24 months. No disruption to the heating system during installation.

The pilots were conducted at the York and Worcester sites and delivered an average saving of 11% with payback in 32 weeks. Annual CO2 emissions were reduced by 440 tonnes a year.

Mark Hault, Carbon and Energy Efficiency Manager with DEFRA.
“We were very pleased with the way the pilot was managed, the results it yielded and the savings that have been achieved.”

Case Study

Department for
Environment, Food and Rural
Affairs (DEFRA)





Cloud-connected real-time visibility of carbon and kWh savings performance.

Clients receive “real-time” visibility to their energy performance. Carbon and kWh savings performance is viewed from your laptop, at individual boilers, plant rooms, buildings, estates, regionally or Worldwide following installation level giving you control. Helping Net Zero / GHG Scope 1 reporting.

Scope 1 Reporting

According to the GHG Protocol, reporting on Scopes 1 and 2 is mandatory. These emissions are the easiest to collect data on, since they come from sources owned or directly influenced by the reporting organisation.

It's about time things got smart

Boiler 'dry cycling', the challenge faced by sustainability and energy managers, is universal. Built-in 'intelligence' to address that issue is missing in most boilers.

We can retrofit to most commercial gas or oil fired boilers.

In commercial buildings, 92% of non-electrical consumption is attributed to space heating / hot water. The fundamentals of boiler efficiency are clear: removing dry cycling can contribute a 10-25% saving, more than any other singularly addressed factor.



**Suitable for
businesses of all
sizes**



<https://ieg.energy/>

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