

Energy-saving retrofit technology

available for schools

Schools can now access a range of proven ways to save energy, with retrofit technologies for improving the efficiency of boilers and low-energy lighting upgrades that use the existing light fittings.

LED retrofit: fast facts:

- LED upgrades for full range of lighting types
- Typical energy savings of up to 90%
- Lamp lifespans of more than 40,000 hours



Boiler Optimisers: fast facts:

- Suitable for any size of school boiler
- Typical fuel savings of 15–30%
- Payback usually achieved in 1–2 years

T5 fluorescent lighting: fast facts

- Plug-in adaptor for existing light fittings
- Typical electricity savings of 37–65%
- Payback usually achieved in 3–3½ years

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Energys Group is a leading provider of 'best in breed' energy-efficient technologies, offering supply, fit and long-term maintenance for all of its well-proven low-carbon solutions.

IMPROVING THE EFFICIENCY OF BOILERS

Boiler Optimisers are simple, retrofit devices that improve the efficiency of a boiler, without affecting the temperature of the building. They deliver typical energy savings of 15–30%, with payback usually achieved in 1–2 years.

Energys has established a wide install base for its boiler optimisation technologies, particularly within the public sector. This includes successful installations within schools, where 18% fuel savings are typical (see boxed text).

LOW-ENERGY LIGHTING UPGRADES

New-generation, energy-efficient lighting is now available without the hassle of complete replacement of the light fittings. Retrofit upgrades can transform outdated lighting using the latest fluorescent T5 and LED technology.

Energys offers 'Save It Easy®', a plug-in T5 adapter that allows replacement of old-style fluorescent tubes with energy-efficient equivalents in the existing light fittings. This award-winning technology has been used to great success in schools across the UK – and savings of up to 50% have been achieved (see boxed text).

Energys also provides cutting-edge LED replacement options that can be used to upgrade 2D, fluorescents, panel lighting (and more) to LED specification.

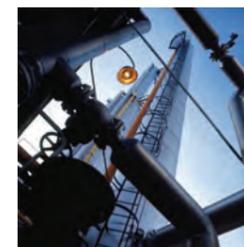
FREE SITE SURVEY

Before any commitment is required, Energys offers a free survey of lighting and heating across the whole school premises. This is a valuable process that can identify areas where energy is being wasted. Following the site survey, Energys draws up detailed calculations of how much energy could be saved if lighting upgrades or boiler controls were installed.

TURN-KEY SERVICES, INCLUDING FINANCING

For all of its technologies, Energys offers a hassle-free, turn-key service. This can include installation, commissioning and on-going maintenance in a single package, reducing project costs and timespans.

Energys can also assist with finding financing. There are a number of different funding routes available to help schools to cover the cost of energy-saving upgrades, including leasing options and government-backed Salix funding. Energys can help you to select the right option for your school.



How we work with schools:

- **DBS-checked engineers**
All of Energys's engineers hold in-date Disclosure and Barring Service checks.
- **Holiday-period or after-hours installation**
Energys is able to work around the school calendar to carry out installation at a time that best suits the school.
- **Minimal disruption**
Retrofit technologies minimise the amount of noise and dust created during installation works.
- **Extensive sector experience**
With roll-outs of its technology already going forward across hundreds of schools all over the UK, Energys has exceptional sector knowledge.
- **Helping local authorities to 'green' their schools**
Our technologies have already been successfully deployed in large numbers of schools maintained by local authorities including: East Sussex County Council; West Sussex County Council; Plymouth City Council; Rotherham Metropolitan Borough Council; and Hertfordshire County Council.

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Installation, commissioning and on-going maintenance can be included in a single package.
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CASE STUDY

Plymouth school cuts energy use by 18%

St Edward's Church of England Primary School in Plymouth installed two Boiler Optimisers from Energys: one device was fitted to the school's main boiler and one device was fitted to the backup boiler. As a result of the installation, the school has achieved proven energy savings of 18%. This has not only slashed the school's fuel bills, but it has also greatly reduced the school's carbon footprint.

CASE STUDY

Surrey school saves 6 tonnes of CO₂

Scott-Broadwood Church of England School in Surrey cut its lighting energy consumption by 50%, by upgrading 312 of its fluorescent tubes to T5 using Save It Easy. As a result, Scott-Broadwood is saving £1,365 per year on energy bills and maintenance costs, with an annual carbon saving of 6.16 tonnes of CO₂.



Start saving energy now

Interested schools should make contact with the Energys Group team:

info@energysgroup.com

www.energysgroup.com

TEL +44 (0)1403 786212