

# Case Study Stanley Primary School



## Services

Whole building monitoring

## Sector

Education

## Scale

83 pupils and staff

## Ewgeco system installed

B100E: one channel monitoring electricity

## What was Stanley Primary School looking for?

The client was keen to reduce energy consumption throughout the school but needed a tool to get their pupils involved and to establish positive energy saving behaviour both in school and when at home.

## How did we help?

Placed just above the pupils' eye level in the main corridor, Ewgeco's 'traffic light' display is intuitive and easy to understand, so fits perfectly in a school. We also wanted to help empower pupils to make a difference to their consumption so worked with the school to incorporate learning about the system into assembly and classes.

We provided the school with an educational 'Energy Champion Pack', which encouraged pupils to look beyond the monitor and use the MyEwgeco resource. The online portal uploads and displays data from the unit in graphical format making analysis child-friendly and engaging.

The established school eco-committee made up of pupils from each class took responsibility for reading the monitor and encouraging classmates and teachers to make small changes to how they used electricity. The pupils' enthusiasm for the project was evident and teachers were soon being reminded if they were not considering their energy usage!

MyEwgeco also allowed the children to compare usage by month, getting them thinking about why the school used electricity more during one month than another. For instance lights will be used more in January when it is dark and than in May, when days are longer.

## The results...

Overall, the annual electricity consumption of the school was reduced by 16.1% and over two years a total saving of £3,389 was made indicating that payback on the system was achieved well within the first year.

The school, local authority, pupils and staff all remain delighted with the changes that the system has brought about. Each year, new pupils join the eco-committee which ensures responsibility and good practise continues across the whole school.

## CarbonCare and Ewgeco

CarbonCare is a full range of integrated energy services from MITIE, designed to help you manage your organisation's energy use, reduce running costs and lower your carbon footprint. MITIE is using Ewgeco know-how and technology to tackle the carbon reduction challenge on its contracts.