


Case Study

The Flambards Experience

-  **Customer:** The Flambards Experience
-  **No of units installed:** 349
-  **Electricity Bills:** Reduced by £2,200+ / year
-  **CO₂ Savings:** 12 tonnes / year
-  **Funding:** The Carbon Trust

RESULTS AND OUTCOME

The higher efficiency of the low-energy lamps, plus the more efficient control gear in the Save It Easy units, produced savings for Flambards of approximately £2,200 each year on its electricity bills. The previous fluorescent lighting power use of 54,000kW per annum was dramatically reduced to 32,000kW. Accordingly, the carbon footprint of Flambards was also reduced, with annual savings of 12 tonnes of carbon. What's more, the energy-efficient lighting project achieved payback in less than three years.



PROJECT OVERVIEW

The Flambards Experience, a Cornish amusement park, almost halved its lighting outlay, after undertaking an energy-efficient lighting installation using innovative retrofit device, 'Save It Easy®'.

BACKGROUND

With rides, exhibitions, video arcades, cafes and restaurants, The Flambards Experience site has understandably high energy demands. However, Flambards' environmentally-friendly ethos led them to seek advice on limiting their energy use. Sustainability consultancy, Lightwater Environmental

Ltd, helped Flambards to obtain a loan from the Carbon Trust to finance an energy-efficient lighting installation.

THE CHALLENGE

Flambards needed to find a retrofit lighting product that was Carbon-Trust-approved and would be simple for its on-site team to install. Minimising disruption during the lighting upgrade was an important consideration, since the theme park wished to avoid downtime.

THE SOLUTION

Flambards chose Save It Easy – a Carbon-Trust-approved retrofit product – in order to install 349 energy-efficient lamps of varying sizes across its site. By using Save It Easy, a plug-in device, Flambards was able to retain its existing light fittings, avoiding disruption to the everyday running of the theme park.

CLIENT TESTIMONIAL

“ The Save It Easy units were simple enough to install that our onsite team could easily handle all the installation work. We were concerned whether the new lamps would be bright enough, but the light quality has turned out to be even better than before. We've also found the Save It Easy equipment so durable that, in the nine months since the installation, we have had to carry out no lighting maintenance.”

Paul Morris

Technical Services Manager at
The Flambards Experience

info@energysgroup.com
www.energysgroup.com
TEL +44 (0)1403 786212