

## Premier Ford Isle of Wight cuts energy costs by more than 50% with SaveMoneyCutCarbon LED lighting retrofit

*Island's biggest Ford dealership goes green, slashes carbon footprint by up to 70% and transforms quality of light*

### Overview



A comprehensive LED lighting retrofit at Premier Ford, the Isle of Wight's biggest Ford dealership, has slashed energy costs by more than 50 per cent, cutting carbon emissions by up to 70 per cent and improving quality of light.

The busy dealership on the Riverway Industrial Estate, Newport has a six-vehicle showroom with six offices, body shop, workshop and store area. Energy efficiency specialists SaveMoneyCutCarbon managed the LED retrofit, which replaced 230 fittings and lamps.

The dealership has achieved its goals to:

- Help the business go green by reducing carbon footprint
- Reduce ongoing energy and maintenance costs
- Improve working environment with better light quality
- Manage retrofit costs through five-year finance deal.

### Results

- Premier Ford Isle of Wight was consuming more than 75,000 kWh annually before the LED retrofit, which has reduced energy use by **more than 50 per cent**.
- Annual carbon footprint has been reduced by up to 70 per cent annually, improving the dealership's sustainable business goals.
- Further significant savings will be made through much-reduced lighting maintenance costs as the LED solutions have lifespan of up to 50,000 hours, more than 20x that of previous fittings.
- Quality of light has added to the showroom ambience and appeal as well as improving working environment.
- The LED external floodlights have improved visibility, safety and security.

### Details

SaveMoneyCutCarbon is a Carbon Trust Accredited Supplier and was asked by the Trust to conduct a lighting survey for Premier Ford, which had approached them for advice.

The Carbon Trust Accredited Supplier scheme is the market-leading scheme for high quality energy efficient equipment and renewable technology suppliers. It provides independent validation and recognition of a supplier's skills and services - a much needed and trusted quality standard in a crowded and fast growing market place.

SaveMoneyCutCarbon meets and exceeds criteria set by the Carbon Trust designed to examine capability to deliver thoughtful, well-designed energy efficient and renewable energy systems.

Equally important, SaveMoneyCutCarbon has a proven track record of delivering high quality energy efficiency projects.

The SaveMoneyCutCarbon team reviewed and recorded existing lighting before recommending, where applicable, LED retrofits with detailed costs, savings, carbon reduction and payback.

The exhaustive survey of all areas also included removal and inspection of fittings, review of existing lighting controls, fitting types, bulb type, ceiling types and heights and light levels.

SaveMoneyCutCarbon then installed sample LED tubes in two areas for demonstration and light comparison, all of which convinced Premier Ford to commission a comprehensive LED lighting retrofit.

The project was broken down into two distinct areas:

## **1. Back Office and Parts**

The tubes and 2D lamp fittings – 97 in total and consuming around 18,000 kWh annually – were removed and LED replacements installed.

## **2. Showrooms and Workshops**

The retrofit removed 133 tubes and 2D lamp fittings, which were burning over 57,000 kWh of electricity a year, replacing them with low-energy LEDs.

The traditional 4ft, 5ft and 6ft fluorescent tubes across the site with a range of fitting styles were replaced with SaveMoneyCutCarbon LED surface mounted (SMD) tubes with high brightness (5000K). The tubes are LM79/80 Certified with 50,000 hours life span and full certification.

The installed downlights were replaced with directed light to surface, recessed LEDs with a range of colour temperatures available from 2700K to 5000K to provide natural, clean and high CRI light.

Installed high bay lighting and floodlights were replaced with high quality Amethyst LEDs.

## **Finance solution**

SaveMoneyCutCarbon worked with the Carbon Trust to secure a Siemens Financial Services five-year Energy Efficiency Finance lease for Premier Ford, ensuring a highly effective solution for defraying costs.

The retrofit also qualified for Enhanced Capital Allowance, which enables businesses to claim 100 per cent first-year tax relief on investments in qualifying technologies and products.

## Quotes

Paul Pepperrell, Premier Ford company secretary says: "Savings are important to any business but for us it is just as important to reduce carbon emissions. We aim to be a responsible, sustainable dealership by ensuring that we are fully energy efficient, by reducing consumption and wastage to an absolute minimum.

"The LED retrofit solution from SaveMoneyCutCarbon was a first-class answer to our energy-saving needs and the finance arrangements helped us to move ahead quickly."

Mark Sait, managing director of SaveMoneyCutCarbon says: "It's important for any business to be sure that their energy-saving investments have a guaranteed, rapid payback and for a forward-thinking dealership like Premier Ford, the desire to be sustainable is also crucial. The LED retrofit is an example of the commercial and environmental benefits of energy efficiency strategies that do not compromise on quality."

## About SaveMoneyCutCarbon

SaveMoneyCutCarbon is uniquely positioned as a full-service efficiency partner to organisations and homes who want to reduce energy, water and carbon to improve sustainability. Clients include major hospitality groups, property ownership groups, distribution centres, theme parks and corporate offices as well as SMEs and private residences.

The SaveMoneyCutCarbon.com website is the market-leading portal for advice and products to reduce costs across all main areas of consumption: lighting, water, heating / ventilation and boilers.

Our UK-wide field services team supports larger and more complex business needs by providing full consultancy and installation services, backed by expert knowledge and first-class customer service.

We also offer a wide range of consultancy services that help companies achieve their sustainability goals within Corporate Social Responsibility strategies.

Privately held since 2008, SaveMoneyCutCarbon is setting new standards for a holistic approach to energy and water management and we share our successes through a variety of charitable initiatives, including support for rainforests in Peru and Ecuador.

[www.savemoneycutcarbon.com](http://www.savemoneycutcarbon.com)

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