

Commercial Solar Case Study

HARLEQUIN BATHROOMS & SHOWERS



Spear Commercial PV System provides 16% R.O.I

Salisbury based bathroom only specialist join a growing list of businesses who have commissioned Spear Electrical to install a bespoke Solar Photo Volatic (PV) system that has the potential to produce 10Kw of electricity per hour, save over 4.5 tonnes of CO2 annually, and within a few years be contributing to the profitability of the business.

uses at Harlequin Bathrooms and were able to show that with the right type of investment in Solar PV and lighting controls significant savings could be made immediately, with the prospect of real contributions to overall profitability in the medium to long term.

Spear Electrical use PV from one of the worlds leading manufacturers, SYMPHONY ENERGY, combined with FRONIUS IG transformerless inverters



Harlequin Bathrooms Salisbury showroom

"Every business needs to review this type of installation, not only does it makes perfect sense on an individual basis, but if adopted nationally the reduction in CO2 emissions from power stations would help Britain achieve its Green targets"
 Terry West MD Harlequin Bathrooms

Harlequin Bathrooms, like many businesses were facing increasing charges for electricity and had sought a solution based on a reduction in the use of energy and investment in different types of lighting. Lighting of a retail showroom is critical and many energy efficient lights were just not good enough to enhance displays. With the best LED lights costing in excess of £55 each and Harlequin requiring at least 100 a better solution had to be found.

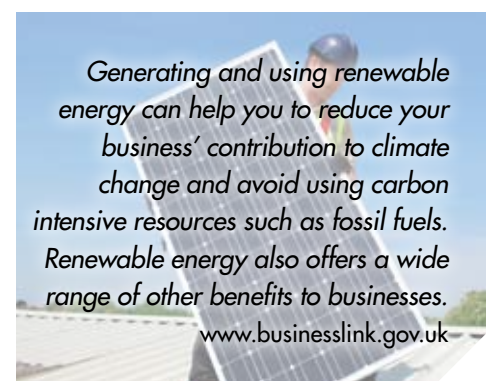
Spear Electrical undertook a comprehensive review of all the current and future energy needs and

and SCHLETTER rails and mounting systems. This combination offers unrivaled value, performance and quality and are designed and installed to ensure trouble free energy generation for the life of the feed in tariff.

- Guaranteed return on your investment
- 35 Year module warranty
- 20 Year inverter warranty
- Full design based on survey
- Technical support available 24/7
- Energy costs due to rise by 60% by 2016



A typical 10kWp commercial solar PV system will generate almost 8,000kWh per year, save over 4 tonnes of CO2 and generate an annual income of around £3,000.
 Spear Electrical



Generating and using renewable energy can help you to reduce your business' contribution to climate change and avoid using carbon intensive resources such as fossil fuels. Renewable energy also offers a wide range of other benefits to businesses.
www.businesslink.gov.uk



Installation Facts

As with all installations a qualified electrical engineer undertook a full survey and was available to answer any questions prior to preparing a comprehensive proposal. Spear also provided help and guidance on completing the required paperwork. The installation at Harlequin was typical and took 5 days led by an installation manager and an experienced team. Spear timed the installation to minimise the impact to the business, so in many cases the final connections can take place when the business is not operating.

Spear takes immense pride in providing outstanding customer service, and have a policy of insisting that all clients are dealt with in a professional, and courteous manner.

- GUARANTEED income for 25 years
- Surplus electricity is sold back to your provider
- Great green credentials – emission free sustainable energy

- Reduces your businesses carbon footprint
- Improves profitability and the value of your business
- Improves your competitive advantage

Even with the changes to the feed in tariff that have been proposed, Solar PV is one of the best long term investments that any business can make, particularly taking into account that energy prices will continue to rise for the foreseeable future.

If you have any questions about Solar PV go to the Spear Electrical website. You will find detailed information and an example of the typical costs and benefits for different sizes of installations. www.spearelectrical.co.uk

Arrange for a FREE survey and a detailed indication of just how much you could be saving now and earning within a few years.

