



CASE STUDY *Commercial Solar Rooftops*



Cricklewood, North London

“Skyline noticed our 30-degree pitched, perfect south facing warehouse roof and approached us with a view to installing solar panels. They prepared a comprehensive proposal including prices, projected energy cost savings and environmental benefits. We agreed a price and timeline in short order. Skyline hit all their deadlines and made the administration easy for us. We have used Skyline for two more solar installations since. All are meeting or exceeding our expectations.”

— *Managing Director, Rustins Ltd*

Rustins develops, manufactures and supplies wood finishing, specialty paint and decorating products to an international market of DIY enthusiasts and professionals. Founded nearly 100 years ago, the company now focuses on developing environmentally friendly innovations for its product range. Commissioning a solar energy system for the rooftop of its manufacturing and warehouse facility in North London seemed a natural complement to these developments.

THE CHALLENGE

Rustins has plenty of free rooftop space at its Cricklewood site and had become aware of the potential benefits of a solar PV installation. However, the company was reluctant to invest in solar across its entire roof area until it had witnessed the benefits first hand. Its preference was to try a smaller system first and monitor its performance. >>>



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THE SOLUTION

Skyline recommended and installed a 30 kWp trial system covering just part of the roof area. An advantage of that particular system size is that it is eligible for a “deemed export” assessment, whereby the amount of electricity to be exported to the grid is estimated in advance and used to calculate all future feed-in tariff (FiT) payments. The result is a predictable FiT income stream, regardless of how much of the generated energy is actually used on site to reduce utility energy costs.

THE RESULTS

Rustins was so impressed by the performance of the first 30 kWp system that it decided to commission two more. As the premises had two further separate grid connection points, Skyline had no problem implementing the new systems separately to preserve deemed export rates.



SYSTEM SPECIFICATIONS

Generation capacity: 3 x 30 kWp + Commissioned: 2014–2015

Estimated annual output: 26,700 kWh + Estimated annual savings & revenue: £6,550

Annual carbon dioxide emission savings: 11,900 kg



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