

PRESS INFORMATION

13 October 2016

TMD switches to 'green' solar energy - Major power project cuts costs and helps the environment!

TMD Technologies Ltd (TMD), an independent manufacturing company in the microwave and RF field, has just completed a major installation of solar panels on the roof of its headquarters building in Hayes, West London.

TMD is a substantial, high-tech company, with some 200 employees and an annual turnover of approximately £30 million. It is estimated that the generation of 'green' power by this new advanced project will be as much as one third of the total energy needed to carry out its business.

Everyone wins!

Said TMD's Technical Services Manager, Paul Hymans, who commissioned the solar project: "As one would expect with an undertaking of this size and complexity there was a substantial financial outlay. However, this cost will be paid back over approximately the next seven years. We will be feeding electricity back to the national grid - for which we will be paid over £26,000 per annum in accordance with the relevant government scheme - and in addition be making massive savings on our electricity bills of over £40,000 during a year cutting costs and helping the environment – everyone's a winner!"

Tailored solution

Because of various obstacles, including vent pipes, the TMD project was not a straightforward case of simply installing a large bank of solar panels. However, these problems were dealt with ably and efficiently by the prime contractor Your Power, using panels supplied by Trina Solar and inverters supplied by Schneider, to provide a quality, bespoke and tailored solar power solution adapted to meet TMD's specific needs – with an expected 12.4 % return on investment!

No Sunshine? No problem!

Contrary to popular belief, it doesn't actually need to be *sunny* for the solar panels to produce power, but the more daylight/sunshine there is the more power they produce. Moreover, they do not need *heat*, just light – generally making them a viable proposition even in more northern latitudes such as the UK.

Reduced carbon footprint

Said TMD's Managing Director, Dave Brown: "TMD is a market leader and felt the need to broaden this to our environmental impact. We are delighted with this latest project. It delivers both substantial financial and environmental benefits, reducing our carbon footprint by an impressive 217 tonnes of CO₂ per annum!"

TMD Technologies Limited – More than 20 years at the top!



Left: TMD's headquarters in West London.

Last year, the company celebrated 20 successful years at the top of its profession as an independent design and manufacturing SME in the microwave and RF field.

Right: The new solar panels on the factory roof; achieving major environmental benefits.

TMD Technologies Ltd is one of the world's leading designers and manufacturers of specialised transmitters, amplifiers, microwave power modules (MPMs), high voltage power supplies and microwave tubes for radar, EW and communications applications. The multiple Queen's Award winning company also produces a range of advanced instrumentation microwave amplifiers for EMC testing, scientific and medical applications.

TMD Technologies, LLC, USA

TMD Technologies, LLC is the US subsidiary of TMD Technologies Ltd, set up in Baltimore, Maryland in 2013; its purpose being to provide excellent commercial and technical support to TMD's customers in the USA. The company is now well established, the product repair and service centre is up and running and its Sales and Marketing Department is engaged in new business development in the USA - for the whole range of TMD's products.

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