

Client

Domestic

Technologies

2.88 kWp Solar PV array

Products

Panels

12 x Phonosolar 240 watt

Inverter

SMA SunnyBoy 2500



Llyfant Neuadd, St Maughans, Monmouthshire

WDS Green Energy installed an in roof solar PV system consisting of 12no. 240w panels. We also installed 2no. Solar thermal panels which will provide approx. 60% of annual hot water.

After a detailed site survey we advised the client that a south west facing roof with no shading was the ideal space to maximise the annual yield of the new PV array.

The client was keen to save money on his business operation and wanted to reduce his carbon footprint with a renewable energy system.

The solar PV panels will not only reduce his electricity bills but will also provide an excellent income under the Government supported Clean Energy Cash-back Scheme, also known as the Feed in Tariff (FIT). The client receives 43.3p for every kWh of electricity generated which amounts to a combined annual income and savings of around **£1,150**.

The FIT is guaranteed for 25 years during which time it will rise in line with the Retail Price Index (RPI). This means that over the lifetime of the scheme it will generate around **£30,000** of tax free income and savings.



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