

Client

Domestic

Technologies

6.96 kWp Solar PV array

Products

Panels

29 x Phonosolar 240 watt

Inverter

1no. SMA SunnyBoy 2500

1no. Sunnyboy 4000TL



Brickfield Barn, Everdon, Northamptonshire

To reduce the electricity consumption of a working farm and farmhouse in Northamptonshire, WDS Green Energy installed a 6.96 kWp Solar PV system on the a shed roof.

After a detailed site survey we advised the client that a south west facing barn 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 her business operation and wanted to reduce his carbon footprint with a renewable energy system.

The solar PV panels will not only reduce her 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 37.8p for every kWh of electricity generated which amounts to a combined annual income and savings of around **£2,680**.

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 **£67,000** of tax free income and savings.



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