

## Client

Domestic

## Technologies

2.88 kWp Solar PV array

## Products

### Panels

12 x Phonosolar 230 watt

### Inverter

SMA SunnyBoy 2500



## Berthfedwen Farm, Llandyfriog, Newcastle Emlyn

To reduce the electricity consumption of a working farm and farmhouse in West Wales, WDS Green Energy installed a 2.88 kWp Solar PV system on the property.

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 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.



## WDS Green Energy

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