

Property Information Sheet



Name and Address

Wendy
The Barn
Guilden Down
Clun
SY7 8NY

Property Description

Solid stone wall barn built in the 1800s, converted in 2002. Slate roof.

Open 21st 28th & 29th October 10.30 – 15.30
Free parking at Clun Memorial Hall SY7 8NY, the property is a short walk along the lane on the left.

What changes have you made to your home?

I replaced the oil boiler with a 8.5kW air source heat pump that sits against a wall at the side of the house. A 4kW solar PV array has also been installed. I have a log burner in the lounge.

Why did you make these changes?

I wanted to remove the oil heating to reduce my carbon footprint and to create green electricity by installing the solar PV.

What were the approximate costs?

The heat pump cost £5,850 after the £5,000 government grant was applied. The solar PV cost £6,400 plus the £580 for the smart switch iBoost. Making maximum use of the solar PV, the iBoost directs excess power from the panels to heating the hot water.

What have been the approximate energy savings?

My monthly electricity cost is currently £116, without solar I think my electricity costs would be significantly higher. I think it will take 2 years to fully assess the savings, however, I anticipate the monthly cost should come down slightly after a full year's worth of usage.



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What have been the effects on your home?

Regarding the heat pump, no interior radiators were changed although I may install some larger ones in the future. The pipework for the heat pump is in the loft space so it's not intrusive.

Who undertook the work?

Rural and Country Energy.

Would you recommend them?

There were a few issues along the way which have been sorted. I'm happy with the system but I don't think I would recommend them.

What else would you like to do? And why haven't you done them yet?

I would like to have an electric car and a battery for the solar but haven't done these yet because of the cost. I also intend to improve the loft insulation in the kitchen extension.

Have you considered any measures but rejected them? Please give details of what and why.

Due to the cost, I initially rejected the battery for the solar PV.

Do you have any further comments?

The heat pump is great! Quiet, efficient and provides clean energy. If you consider installing one, just make sure the radiators are sufficient in size and number to warm the house.

Are there any access issues? Eg steep steps, lack of parking.

No.