

Property Information Sheet



Name and Address

Hugh,
Griffel,
Red Lees,
Ketley,
Telford,
TF1 5DE

Property Description

1960s detached bungalow with cavity walls and a tiled roof.

What changes have you made to your home / what green features did your home come with?

We have installed 15 solar photovoltaic (PV) panels alongside a battery. The PV array is 6kW and the battery is 5kW. An air source heat pump (ASHP) was already installed when we moved to this property in 2023. The ASHP is rated at 12kW, during a winter’s day consumption it peaks roughly around 10kWh.

Why did you make these changes / choose a home with these features?

Primarily to reduce our carbon footprint. The solar PV panels were installed to reduce ongoing fuel bills.

What were the approximate costs of each of the changes you made?

A total of roughly £12,000 for the solar PV panels and battery.

What have been the approximate energy savings?

As the ASHP was already installed we cannot give a before and after. Solar PV panels exported more to the grid than was imported in its first year - generating 3,900kWh. We moved from a larger house with gas heating, so we now don’t consume any of the 20,000kWh of gas we used to consume per year.



What have been the benefits to you / your home?

Solar PV panels are doing their job in the background so benefits largely unseen. We are enjoying the lower electricity bills and find satisfaction watching the app tell us how much we are making. Also allowed us to be more aware of energy consumption and making better use of sunny days – for example by turning on the dishwasher!

Who undertook the work?

Shropshire Renewables.

Would you recommend them?

Yes, happy with the work to date.

What else would you like to do?

Switch to an electric vehicle so could switch energy tariffs and install a charger.

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

Underfloor insulation. It appears rather disruptive and not as good for us in terms of the cost to benefit ratio. Would consider underfloor insulation again if floors need replacing.

Any further comments?

Having weighed up the environmental issues, we installed a log burner. The sitting room needed supplementary heating on very cold days, so we are very pleased to have a log burner.

Visiting instructions / information

Limited parking on drive. Easy to access as it is a bungalow, downstairs toilet.