

Property Information Sheet



Name and Address

Mike and Pat Dennis-Jones

Avenhills

Clive Avenue

Church Stretton

SY6 7BL

Property Description

Timber (part-Oak) frame, SIPP panels, tiled roof.

What changes have you made to your home?

Complete re-build with renewable energy systems: Air source heat pump, underfloor heating, solar PV and battery

- ASHP size: 8kW
- PV capacity: 5.85 kWp
- Battery capacity: 10.0 kWh

Why did you make these changes?

Original house was 1950's pre-fab bungalow - hugely energy inefficient, gas-guzzling, and unattractive to boot! Our motivation was a desire to decarbonize.

What were the approximate costs?

Demolition, groundworks and building: £450K

Plumbing & electrics: £20K

Air source heat pump, underfloor heating, solar PV and battery: £30K

Not including: bathroom fittings; kitchen; flooring and curtains; landscaping

What have been the approximate energy savings?

£1000/year without PV export; £1200/year with. (Very approximate considering the way rates have changed over the last 2 years.)

Property Information Sheet continued...



What have been the effects on your home?

Excellent!

Who undertook the work?

Main builder: Border Oak, Leominster
Energy systems: EnergyZone, Cleobury Mortimer

Would you recommend them?

Yes

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

Micro-wind generation. Planning restrictions.

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

Additional battery storage. Return on capital doesn't make sense.

Do you have any further comments?

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

On steep hill (Clive Avenue), and steep private driveway. Parking at the house possible but 2 or 3 cars max.