

Shropshire Green Doors 2023



Property Information Sheet



Name and Address

Mike
Beaufort
Coppice Drive
Wrockwardine Wood
Telford
TF2 7BP

Property Description

Bungalow built in 2003.
Brick with rock wool cavity wall insulation.

What changes have you made to your home?

We have replaced the boiler with an air source heat pump which feeds underfloor heating.
Everest uPVC Triple glazing.
Loft insulation topped up to 310mm.
Fitted 48 solar panels = 14.22 kWp.
Tesla Powerwall battery storage.
2 electric cars and 2 Zappi car charging points.
Eddi hot water immersion system synchronised with solar, Powerwall battery and car chargers.

Why did you make these changes?

Climate change is my number one worry. Studying A level Geography back in the early 1980's I was introduced to the idea of renewable energy which made a lot of sense.

What were the approximate costs?

Solar and heat pump was about £33,000.
Powerwall was £7,500.
2 car chargers and Eddi was £2,500.
Windows and doors £1,900.
Extra loft insulation £1,500.

What have been the approximate energy savings?

An estimated £500/month saving not having to buy fossil fuels like diesel, petrol, gas and a lot of electricity.



Property Information Sheet continued...

What have been the effects on your home?

We are more than pleased with the heat pump.

The changes we have made mean we can live very normally without the consequences to the environment. We have also saved a huge amount of money.

Who undertook the work?

Go Green Systems of Shrewsbury did the solar and heat pump. Princes LHS of Ellesmere did the Powerwall battery, the two Zappi car chargers and Eddi immersion heating.

Would you recommend them?

Yes.

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

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

Parking is level and there are no trip hazards and is fine for wheelchair access. I will be working in my shed so please come round there down the side path.