

Property Information Sheet



Name and Address

Chris
26 Mercia Drive,
Telford,
TF1 6YH

Property Description

3-bedroom semi-detached cavity wall property built as part of a development around 1979/80.

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

The property has cavity walls, which were retrofitted with insulation in 2005, 100mm of loft insulation underneath boards and is fully double glazed. Very recently (September 2025) the gas combi boiler was removed and replaced by a Panasonic 3kW Air Source Heat Pump, plus an unvented hot water cylinder. Several radiators were replaced with more modern double convectors. The overall SCOP (Seasonal Coefficient of Performance) of the new system is due to be 4.48. The gas hob has been replaced by an electric induction hob, and the gas meter is going to be removed by Octopus, making the property gas free and taking away the gas standing charge.

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

The outlay is modest and should result in immediate savings of about £300 a year. But mainly I am passionate about clean energy. This installation should result in a reduction of carbon emissions by about 2350 kg (from 3550 kg)

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

The heat pump cost £3,640, plus £7,500 from a government grant. New hob installation roughly cost £200.

What have been the approximate energy savings?

The system is very new, so actual savings are as yet unknown. However, the predicted costs are due to decrease from £1,189 to £922 (saving £267) per year. In addition, I will save £102.96/year for the gas standing charge. Based on these figures, the investment will pay for itself in about 10 years.

What have been the benefits to you / your home?

A heating system that which is easier to control and better for the environment.

Who undertook the work?

Heat Charge Evolution (HCE)

Would you recommend them?

Yes. They were fast and efficient.

What else would you like to do?

Possibly solar panels at some point, perhaps an electric car charging point.

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

At the moment I can see no real financial incentive for solar panels but it could be seen as a long term investment.

Any further comments?

N/A

Visiting instructions / information

Parking is very tight but there is additional parking in front of the adjacent football field on Grainger Rd. Bathroom/toilet is upstairs.

Photo of heat pump:

