

Property Information Sheet



Name and Address

Sunnycroft,
200 Holyhead Road,
Wellington,
Telford,
TF1 2DR (Sat Nav TF1 2DP)

Property Description

Grade II listed building owned by the National Trust. The house was built in two phases, 1880 and 1899, solid wall construction with single glazed sash windows and loft spaces insulated to approximately 100mm.

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

The old gas boiler has been replaced with four Vaillant aroTHERM Plus air source heat pumps (ASHPs) that operate together to heat the house. A new building management system was installed that controls the heating. Lastly, chimney balloons were fitted as a way of reducing cold air infiltration and heat loss.

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

The National Trust launched a Renewable Energy Investment scheme in 2013 to help the organisation remove its dependence on oil and generate 50% of its own energy by 2021. This scheme was a success; 138 projects completed including hydro and solar heating measures. These installations generate 24 million kWh of energy and save 4,000 tonnes of carbon each year. The Trust now has an ambitious plan to reach carbon net zero by 2030. A second phase of renewable investment to reduce fossil fuel dependence has been launched, targeting the top 100 highest emitting buildings.

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

N/A

What have been the approximate energy savings?

The project will deliver an estimated 66,779kWh of renewable energy, saving 20 tonnes of equivalent carbon each year.



What have been the benefits to you / your home?

Reduced carbon emissions, lower operating costs and an improved internal environment which benefits both the house and the collection items.

Who undertook the work?

Wilson Plumbing and Heating in Telford.

Would you recommend them?

Yes.

What else would you like to do?

The National Trust will continue to invest in new renewable heating systems at other properties.

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

All projects started with a detailed feasibility study that considered the pros and cons of all technologies including ground source, air source, biomass and direct electric heating options. An ASHP system was deemed the most viable solution for Sunnycroft.

Any further comments?

N/A

Visiting instructions / information

We are open on Saturday the 19th and 26th of October between 11am and 3pm. Please note that the property is not open for general viewing, however, you will be able to see the heat pumps, plant room and speak to individuals from both the project and property teams. Look for the brown visitor attraction sign which indicates where Sunnycroft is located on Wellington Road. After entering through the green gates, you will be greeted by one of our volunteers, parking immediately on the right.