

Case Study



Home Improvement Miss Goodwin, Stow The Borders of Scotland

"I am delighted with the system and the much lower heating bills"

Miss Goodwin - Stow

The Project

Previously, Miss Goodwin had used electric storage heating with a Scottish Power Economy 7 tariff to heat her small house at the high cost of £20 per week. The housing association proposed improvements to the heating system of the home resulting in a reduction in heating bills from £80 per month to £18.70 per month. The saving of approximately 75% is not untypical when replacing electric heating systems with an air source heat pump.

The Installation

The system installed in the house was a combination of a 8kW Green Power air source heat pump, new radiators, solar panels and a 165 litre hot water cylinder. The heat pump was wall mounted at the rear of the property with a drip tray. In addition to the new system a monitoring device was connected to the cylinder coils to record the performance of the new installation enabling accurate measurements



Technical Information

Property

Two bedroom home originally with an all electric heating system.

System

A Green Power 8kW Air Source Heat Pumps

Additional installations

Solar Panels

165 Litre hot water cylinder

Heat Collection

Air source heat pump

Heat Distribution

Wet system via radiators

Annual expected savings

Approximately 75% compared to the original all electric system



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