

Renewable energy case studies

Case study 1

Solar water heating

Summary

Mr Prior lives in a detached three bedroom bungalow in Blairgowrie, near Perth, and installed a solar water heating system with the help of a grant from the Energy Saving Trust.

When Mr Prior obtained his application pack from the Energy Saving Trust helpline he began contacting accredited installers to obtain quotes for the installation. When he decided on a suitable installer he submitted his application to be processed. He received a grant offer letter within two weeks and commissioned the installer to begin work straight away. The job was completed within two days and he was delighted to receive his grant cheque shortly afterwards.

Commenting on his recent grant Mr Prior said: "I had been interested in installing a solar water heating system for some time, but the costs had always been too high. The availability of the Energy Saving Trust grant knocked down the overall price to one I could afford".

"I am delighted with my new system and I am never short of hot water. I would recommend solar thermal to anyone who is interested in using it. There are no excuses for holding back, especially not with the help that is available through the Energy Saving Trust. I am delighted to be doing my bit to help the environment."



Mr Prior's home was the first home to benefit from an Energy Saving Trust funded solar water heating system.

Key points

- Equipment used: 4m² flat plate collectors with reflective surfaces
- Fuel being replaced: Liquid Petroleum Gas (LPG)
- Estimated fuel savings: £50/yr
- Estimated carbon savings: 380kg CO₂/yr

Cost

Total installation cost: £2,625.00
Energy Saving Trust grant: £787.56

Further information

In Scotland, the Energy Saving Trust (with funding from the Scottish Executive) offers homeowners grants of 30 per cent towards the cost of a renewable energy installation, up to a maximum of £4,000. Technologies eligible for funding include, but are not limited to, solar water and space heating, wind, hydro, heat pumps and automated wood fuelled boilers and stoves.

To obtain an application pack and further information contact the helpline on **0800 138 8858** or visit www.est.org.uk/schri.