



Solo Housing

Description:

A renewable technology project for a proposed hostel for a charity for the homeless.




Renewable and Energy Saving Technologies:

The technologies evaluated for the project were a Dimplex ground sourced heat pump, (GSHP) an Ecodan air sourced heat pump (ASHP), solar PV and solar thermal.

Study Outcomes:

It was established that the 14 kW Ecodan air sourced heat pump and the 1.0 kW Solar PV were the most viable technologies for the hostel.

Annual savings:*

	The solar PV saves 750 kWh
	Combined, both solar PV and the ASHP save £378.22. Plus £307 income from FITS.
	Also combined, 2927kg of CO ₂ emissions are saved



If you are interested in renewable energy technologies, want to know whether your site is suitable and how much energy & CO₂ emissions you could save contact our office on 01953 798112.

* Based on specific technology quotations and the electricity price at £0.1213 kWh