

CASE STUDY: Broome Park Farm B&B Cleobury Mortimer, Shropshire



The owners of Broome Park Farm Bed and Breakfast have found that solar hot water is particularly suited to their situation. Previously using an electric immersion heater for hot water, the new solar hot water system will give them good savings in terms of both cost and carbon dioxide emissions, while keeping guests and family alike supplied with hot water. Low energy lighting has also been installed.

CARBON DIOXIDE SAVINGS

	Annual CO ₂ savings	% of total annual CO ₂	Lifetime CO ₂ savings*
Lighting	0.75t	9%	8.5t
Solar hot water	0.9t	11%	22.5t

*This assumes an average lifetime of 11.8 years for the lighting and 25 years for the solar hot water.

FINANCIAL SAVINGS

	Annual cost savings	Payback period (approx.)
Lighting	£192	5 months
Solar hot water	£314	10 years

A third of the cost of the solar hot water system is being funded by the Rural Regeneration Zone.

