

CASE STUDY: Towards Carbon Neutrality, Long Mynd Hotel, Shropshire.



The Long Mynd Hotel in Church Stretton, Shropshire, has switched over 200 light bulbs to low energy bulbs saving a massive £2,250 a year on electricity bills. Additional savings are being made by the hotel's use of a heat exchanger, maximising the efficiency of its swimming pool and bringing it close to good practice for electricity consumption.

However, plans are underway to move further towards carbon neutrality by installing a wood chip boiler. This will potentially save up to 155 tonnes of carbon dioxide each year (equivalent to over 10 household's carbon footprints).

CARBON DIOXIDE SAVINGS

	Annual CO ₂ savings	% of total annual CO ₂	Lifetime CO ₂ savings*
Lighting	10.8 tonnes	3%	36 tonnes

*This assumes an average lifetime of 3 years for the lighting and years for the solar hot water.

FINANCIAL SAVINGS

	Annual cost savings	Payback period (approx.)
Lighting	£2,250	6 months

The hotel's energy audit service and low energy bulbs were purchased from Project Carbon, with funding for the audit coming from Shropshire Hills AONB's Sustainable Development Fund.

