

CASE STUDY: St Mary's Parish Church

Lighting makeover



Project Carbon's Joe Bentley hands over new energy-saving bulbs to be installed at the church.

Funding for this 'lighting makeover' was provided by South Shropshire Housing Association, who have offset the carbon emissions associated with electricity and gas use at their Craven Arms offices, thereby achieving carbon neutrality

St Mary's Parish Church in Cleobury Mortimer recently received an energy-saving 'lighting makeover' from Marches Energy Agency's Project Carbon team. Large spotlights in the nave and other incandescent lamps around the church were replaced with low-energy equivalents.

Overall light levels around the church are identical to before, but the lighting now consumes only 20% of the electricity. The makeover was carried out as part of Low Carbon Communities, a project being jointly run by Marches Energy Agency & Shropshire County Council in partnership with DEFRA & Advantage West Midlands.

CARBON DIOXIDE SAVINGS

	Annual CO ₂ savings	Lifetime CO ₂ savings*
Lighting	0.59t	14.5t

*This assumes an average lifetime of 24 years for the bulbs.

FINANCIAL SAVINGS

	Annual cost savings	Payback period (approx.)
Lighting	£123	32 months

