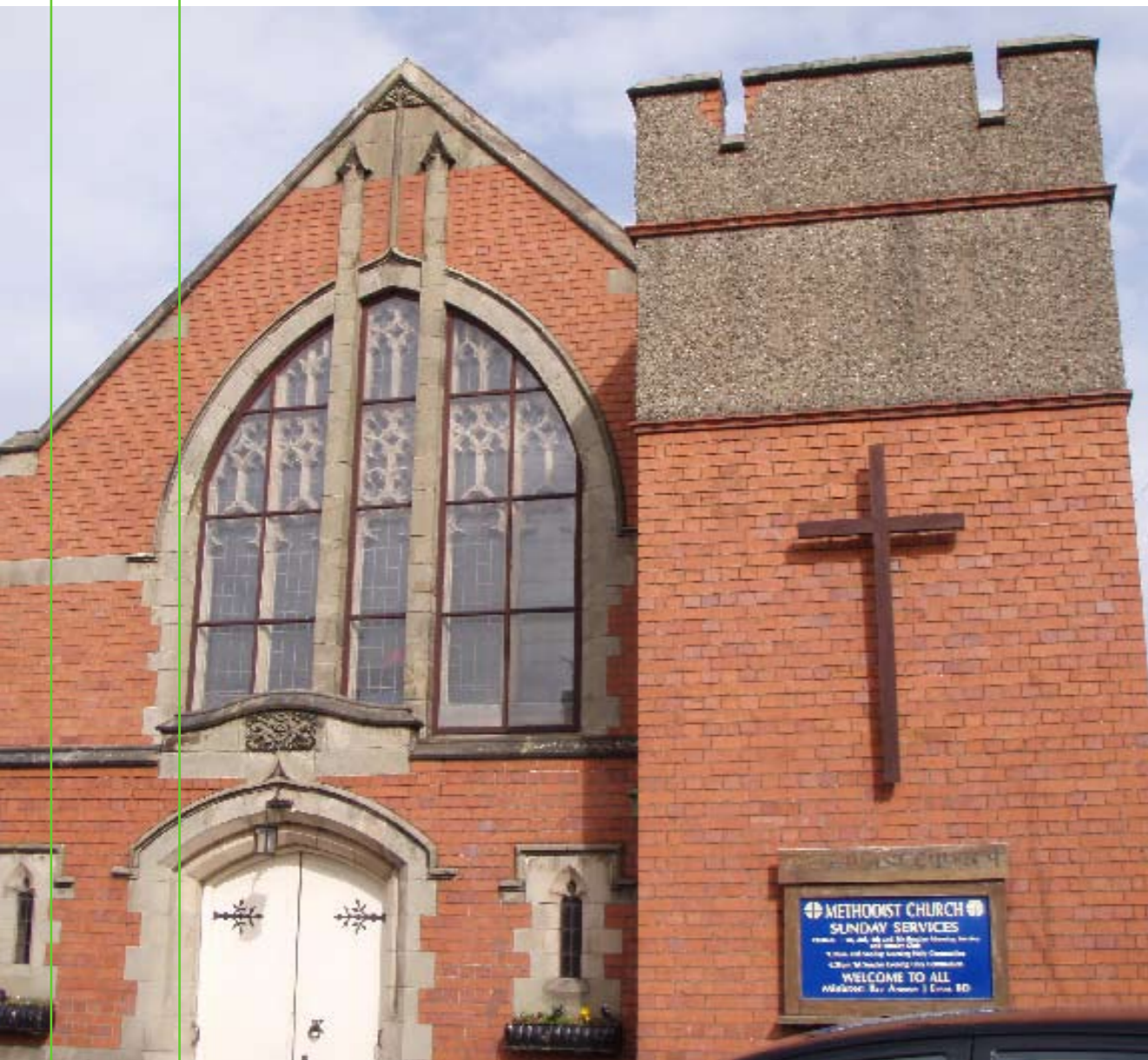


# Ellesmere Methodist Church

## Lighting makeover



The Methodist Church in Ellesmere has removed all of its old-fashioned incandescent light bulbs and replaced them with energy saving equivalents.

Marches Energy Agency's Project Carbon team carried out this 'lighting makeover' as part of the Low Carbon Communities project. The measures installed in the church result in four and a half tonnes of carbon emissions being prevented due to the reduced consumption of electricity.

### CARBON DIOXIDE SAVINGS

|          | Annual CO <sub>2</sub> savings | Lifetime CO <sub>2</sub> savings* |
|----------|--------------------------------|-----------------------------------|
| Lighting | <b>0.42 tonnes</b>             | <b>4.5 tonnes</b>                 |

\*This assumes an average lifetime of 11 years for the bulbs.

### FINANCIAL SAVINGS

|          | Annual cost savings | Payback period (approx.) |
|----------|---------------------|--------------------------|
| Lighting | <b>£87</b>          | <b>13 months</b>         |

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 office, thereby achieving carbon neutrality. SSHA require 17% of the carbon savings achieved in order to fulfil their offset.

