

Longmynd Travel: Solar PV



Key facts

Location: The Coach Depot, Lea Cross, Shrewsbury SY5 8HX

Grant recipient: Longmynd Travel Ltd is a family owned and run business which was first established in 1973. It has expanded over the years and now operates across the country providing a variety of coach services from large facilities at Lea Cross just outside Pontesbury on the edge of the Shropshire Hills. They are very proud to provide the away team coaches for Shrewsbury Town Football Club, AFC Telford Town Football Club and TNS Football Club. www.longmyndtravel.co.uk

Building: Coach garage

Solar PV: Solar panel electricity systems, also known as photovoltaics (PV), convert the sun's energy to generate electricity. These cells don't need direct sunlight to work – they can still generate some electricity on a cloudy day.



Renewable energy installation: Solar PV

Additional capacity: 14 kWp roof mounted system

kWp is the peak power of a PV system or panel.

The power is calculated under a standardised test for panels across all manufacturers to ensure that the values listed are capable of comparison.

Predicted energy generation: 11,351kWh

A kilowatt hour (kWh) is the energy consumed by a 1,000-watt or 1-kilowatt electrical appliance operating for 1 hour.

CO₂ saving per year: 3.15 tonnes

Based on an emission conversion factor of 0.2773 of a kilogram of carbon dioxide per kilowatt hour.

Financials

System Cost: £9,852.36

Funding: 50% Marches Renewable Energy grant;
50% Longmynd Travel Ltd own funds

Predicted payback time from energy cost saving:
8 years, reduced to 4 years with the grant

For further information

Marches Renewable Energy (MarRE) is an ERDF funded grant scheme towards renewable energy projects in Herefordshire, Shropshire and Telford and Wrekin.

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www.herefordshire.gov.uk/MarRE