



Ludlow Brewing Company Ltd: Solar PV



Key facts

Location: Ludlow, Shropshire, UK

Grant recipient: Ludlow Brewing Company Ltd, is a modern-day brewery offering traditional, honest ale making, while also doubling as a contemporary venue for entertainment, including live music, comedy, special occasions like weddings and christenings and many other events.

www.theludlowbrewingcompany.co.uk

Building: Cold storage warehouse adjacent to the brewery premises.

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: 35.64 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

Predicted energy generation: 28,868kWh

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: 8.00 tonnes

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

Financials

System Cost: £24,850

Funding: 50% Marches Renewable Energy grant; 50% Ludlow Brewing Company's own funds

Predicted payback time from energy cost saving: 8 years, reduced to 4 years with the 50% 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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