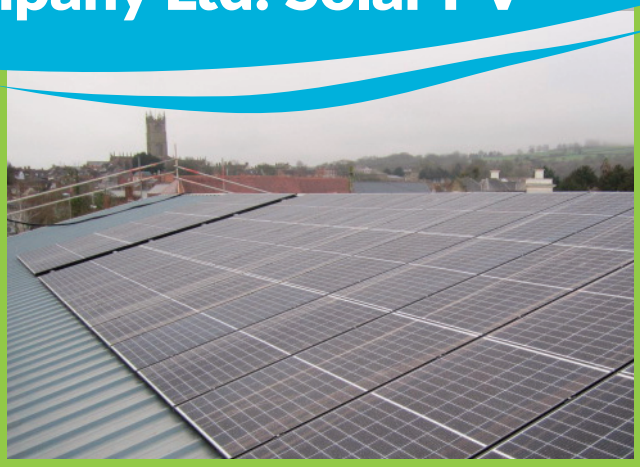
Marches Renewable Energy

European Union
European Regional Development Fund

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 capable of comparison.

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.

CO_2 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.

Adrian Marshall, MarRE Project Manager
email: adrian.marshall@herefordshire.gov.uk
Tel: 01432 260064

www.herefordshire.gov.uk/MarRE

V1_02/2021

Herefordshire Council · Shropshire Council · Telford & Wrekin Council · The Marches Local Enterprise Partnership Herefordshire - Shropshire -Telford & Wrekin