

Edmo Ltd: Solar PV



Key facts

Location: Ross-on-Wye, Herefordshire UK

Grant recipient: Edmo Ltd, specialists in aluminium extrusion, fabrication and finishing across a huge variety of market sectors – from aerospace engineering to accessibility aids.

www.edmolimited.co.uk

Building: Large extrusion/fabrication factory and head office.

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: 130 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: 120,602 kWh

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: 33.44 tonnes

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

Financials

System Cost: £81,040

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

Predicted payback time from energy cost saving:
6.8 years, reduced to 3.4 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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