

Frank H Dale Ltd: Solar PV



Key facts

Location: Leominster, Herefordshire UK

Grant recipient: Frank H. Dale Ltd, one of the UK's largest and technically advanced steel fabricators.
www.fhdale.co.uk

Building: Large steel fabrication facility, producing Structural Steelwork for most sectors including distribution, retail, commercial, education, MOD, leisure, health and more recently, large data centres.

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: 199.00 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: 124,152 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: 34.43 tonnes

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

Financials

System Cost: £104,600

Funding: 50% Marches Renewable Energy grant;
50% Frank H Dale Ltd own funds

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