

Shrewsbury Market Hall



Key facts

Location: Claremont Street, Shrewsbury

Grant recipient: Shropshire Council

Purpose: 1970's built Market Hall including public realm facilities- free access to general public during opening hours

Solar PV: Solar panel electricity systems, also known as photovoltaics (PV), convert the sun's energy to generate electricity

LED Lighting: Light emitting diodes, also known as LED technologies, offer better working conditions through optimised luminaries, flexible lighting control and improved use of daylight.



Energy efficiency measures: LED and Solar PV

22.14 kWp roof mounted system; ballast fixing system

82 JA Solar Holdings Co. Ltd, 270W solar poly-crystalline panels

Various luminaries and control systems fitted throughout the market. 159 lights replaced with LED equivalents

Predicted energy generation (PV): 15,783 kWh

Decrease of annual primary energy consumption (Lighting): 28,535 kWh

Anticipated cost saving = £5,894

CO2 savings/yr: 15.6 tCO₂e

Financials

System Cost: £41,445

Funding: 60% ERDF Sustainable Energy in Public Buildings
40% Shropshire Council Capital Grants Programme

Predicted payback to Council: 3.2 years

For further information

The Sustainable Energy in Public Buildings (SEPuBu) is a ERDF funded Grant scheme for innovative low carbon measures in public buildings across the Marches.

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