

# 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 tCO<sub>2</sub>e

## 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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