

# Herefordshire Archive & Records Centre



## Key facts

**Location:** Rotherwas Industrial Estate, Hereford

**Grant recipient:** Herefordshire Council

**Building:** Opened 2015 to Passivhaus certification

**Purpose:** Open to the public, the building holds the county's archive (a public service), archaeology unit, the historic environment record, and the biological records centre

**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.



## Energy efficiency measure: Solar PV

49.5 kWp roof mounted system;  
Ballasted fixing system

180 JA Solar poly-crystalline panels  
Roof coverage: 294.3m<sup>2</sup>

11kVA export limitation imposed; install  
includes a SolarEdge export limitation system

**Predicted energy generation:** 48,697 kWh

**Anticipated cost saving** = £6,477/yr

**CO<sub>2</sub> savings/yr:** 16.99t CO<sub>2</sub>/yr

## Financials

**System Cost:** £53,533

**Funding:** 50% ERDF Sustainable Energy in  
Public Buildings  
50% Herefordshire Council  
Capital Grants Programme

**Predicted payback to Council:** 5 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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