

Display energy certificate (DEC) recommendation report

ART & PHOTOGRAPHY BUILDING Hardwick Campus St. Pauls Road CHELTENHAM GL50 4BS	Report number 9000-2921-0241-3776-4060
	Valid until 17 October 2026

Operational rating and DEC

This building’s operational rating is B.

For more information on the building’s energy performance, [see the DEC for this building\\_\(/energy-certificate/0726-0411-3249-6700-1096\).](#)

## Recommendations

Make these changes to improve the property's energy efficiency.

Recommended improvements are grouped by the estimated time it would take for the change to pay for itself. The assessor may also make additional recommendations.

Each recommendation is marked as low, medium or high. This shows the potential impact of the change on reducing the property's carbon emissions.

### Changes that pay for themselves within 3 years

Recommendation	Potential impact
Consider with experts implementation of an energy efficient equipment procurement regime that will upgrade existing equipment and renew in a planned cost-effective programme.	Low
Consider whether the humidity control system is essential and/or consider re-setting to more efficient parameters where close control is not critical.	Medium
Consider fitting 24 hour/7 day time controls onto electric HWS cylinders.	Low
Seek to minimise simultaneous operation of heating and cooling systems.	High
Review the air conditioning energy performance report and seek to implement any outstanding recommendations for action.	Medium
Enable power save settings and power down management on computers and associated equipment.	Medium
Consider introducing a system of regular checks of Heating, Ventilation and Air Conditioning (HVAC) time and temperature settings and provisions to prevent unauthorised adjustment.	Medium
Consider installing automated controls and monitoring systems to electrical equipment and portable appliances to minimise electricity waste.	Medium
Consider engaging with building users to economise equipment energy consumption with targets, guidance on their achievement and incentives.	Medium

### Changes that pay for themselves within 3 to 7 years

Recommendation	Potential impact
Consider introducing or improving cavity wall insulation.	High

### Changes that pay for themselves in more than 7 years

Recommendation	Potential impact
Consider installing building mounted photovoltaic electricity generating panels.	High

## Building and report details

Building occupier	
Building type	University Campus
Building environment	Heating and Mechanical Ventilation
Electricity used	133493 kW h
Gas used	215232 kW h
Total useful floor area	3473 square metres
Building reference	RRN-0196-2423-4710-1200-2263
Report issued on	18 October 2019
Calculation tool	DCLG, ORCalc, v3.6.3
Type of inspection	Physical

Assessor’s details

Assessor’s name	Ian Shellard
Employer’s name	ESOS Energy
Employer’s address	Tower House, Fairfax Street, BS1 3BN
Assessor ID	STRO034440
Accreditation scheme	Stroma Certification Ltd