Display energy certificate (DEC) recommendation report

HARDWICK AP ADMIN CENTRE
Hardwick Campus
St. Pauls Road
CHELTENHAM
GL50 4BS

Report number
9236-2070-0214-0497-7101

Valid until
17 October 2029

Operational rating and DEC

This building's operational rating is G.

For more information on the building's energy performance, see the DEC for this building (/energy-certificate/9000-2921-0141-3777-4060).

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
It is recommended that energy management techniques are introduced. These could include efforts to gain building users commitment to save energy, allocating responsibility for energy to a specific person (champion), setting targets and monitoring.	Medium
Consider fitting 24 hour/7 day time controls onto electric HWS cylinders.	Medium
Review the air conditioning energy performance report and seek to implement any outstanding recommendations for action.	Medium
Engage experts to survey the condition of the HWS systems and propose remedial and upgrading works to improve condition and operating efficiency.	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
Engage experts to propose specific measures to reduce hot water wastage and plan to carry this out.	Medium
Consider introducing orimproving cavity wall insulation.	High
Consider implementing regular inspections of the building fabric to check on the condition of insulation and sealing measures and removal of accidental ventilation paths.	Medium

Changes that pay for themselves in more than 7 years

Recommendation	Potential impact

Recommendation	Potential impact
Consider installing building mounted photovoltaic electricity generating panels.	High
Consider introducing or improving insulation of flat roofs.	Medium
Consider replacing or improving glazing.	Medium
Engage experts to review the HWS systems provisions and propose remedial works, upgrades and/or alternative provisions to improve effectiveness and efficiency and plan for implementation.	Medium
Engage experts to review the building lighting strategies and propose alterations and/or upgrades to daylighting provisions, luminaires and their control systems and an implementation plan.	High

Building and report details

Building occupier	
Building type	General Office
Building environment	Heating and Natural Ventilation
Electricity used	145049 kW h
Gas used	55531 kW h
Total useful floor area	662 square metres
Building reference	RRN-9000-2921-0141-3777-4060
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