

Example of an Energy Performance Certificate (EPC)

A typical Energy Performance Certificate showing 'fridge style' ratings for the Energy Efficiency and the Environmental Impact of a dwelling is reproduced below. An accompanying Recommendations Report is included on the following page.

Energy Performance Certificate

17 Any Street,
Any Town,
County,
YY3 5XX

Dwelling type: Detached house
Date of assessment: 02 February 2007
Date of certificate: [dd mmmm yyyy]
Reference number: 0000-0000-0000-0000-0000
Total floor area: 166 m²

This home's performance is rated in terms of the energy use per square metre of floor area, energy efficiency based on fuel costs and environmental impact based on carbon dioxide (CO₂) emissions.

Energy Efficiency Rating

	Current	Potential
<i>Very energy efficient - lower running costs</i>		
(92-100) A		
(81-91) B		
(69-80) C		73
(55-68) D		
(39-54) E	37	
(21-38) F		
(1-20) G		
<i>Not energy efficient - higher running costs</i>		
England & Wales	EU Directive 2002/91/EC	

Environmental Impact (CO₂) Rating

	Current	Potential
<i>Very environmentally friendly - lower CO₂ emissions</i>		
(92-100) A		
(81-91) B		
(69-80) C		69
(55-68) D		
(39-54) E		
(21-38) F	31	
(1-20) G		
<i>Not environmentally friendly - higher CO₂ emissions</i>		
England & Wales	EU Directive 2002/91/EC	

The energy efficiency rating is a measure of the overall efficiency of a home. The higher the rating the more energy efficient the home is and the lower the fuel bills will be.

The environmental impact rating is a measure of a home's impact on the environment in terms of carbon dioxide (CO₂) emissions. The higher the rating the less impact it has on the environment.

Estimated energy use, carbon dioxide (CO₂) emissions and fuel costs of this home

	Current	Potential
Energy Use	453 kWh/m ² per year	178 kWh/m ² per year
Carbon dioxide emissions	13 tonnes per year	4.9 tonnes per year
Lighting	£81 per year	£65 per year
Heating	£1173 per year	£457 per year
Hot water	£219 per year	£104 per year

Based on standardised assumptions about occupancy, heating patterns and geographical location, the above table provides an indication of how much it will cost to provide lighting, heating and hot water to this home. The fuel costs only take into account the cost of fuel and not any associated service, maintenance or safety inspection. This certificate has been provided for comparative purposes only and enables one home to be compared with another. Always check the date the certificate was issued, because fuel prices can increase over time and energy saving recommendations will evolve.

To see how this home can achieve its potential rating please see the recommended measures.

Remember to look for the energy saving recommended logo when buying energy-efficient products. It's a quick and easy way to identify the most energy-efficient products on the market. For advice on how to take action and to find out about offers available to help make your home more energy efficient, call 0800 512 012 or visit www.energysavingtrust.org.uk/myhome

Recommendations

The measures below are cost effective. The performance ratings after improvement listed below are cumulative, that is they assume the improvements have been installed in the order that they appear in the table.

Lower cost measures (up to £500)	Typical savings per year	Performance ratings after improvement	
		Energy efficiency	Environmental impact
1 Cavity wall insulation	£411	E 53	E 46
2 Low energy lighting for all fixed outlets	£11	E 53	E 46
Sub-total	£422		
Higher cost measures (over £500)			
3 Hot water cylinder thermostat	£102	D 58	E 51
4 Replace boiler with Band A condensing boiler	£323	C 73	C 69
Total	£847		
Potential energy efficiency rating		C 73	
Potential environmental impact (CO ₂) rating		C 69	

Further measures to achieve even higher standards

The further measures listed below should be considered in addition to those already specified if aiming for the highest possible standards for this home.

5 Replace single glazed windows with low-E double glazing	£40	C 75	C 71
6 Solar photovoltaics panels, 25% of roof area	£49	C 77	C 74
Enhanced energy efficiency rating		C 77	
Enhanced environmental impact (CO ₂) rating		C 74	