

DO NOT AMEND ORDER OF MEASURES AS LINKED TO MONITORING SPREADSHEET

Measure	Cost per measure	kWh saving (per measure)	Fuel displaced	Carbon content of fuel displaced (kg/kWh)
Cavity wall	£380	3,012	Gas	0.189
Loft (assumes all top up)	£286	1,489	Gas	0.189
Draughtproofing	£101	631	Gas	0.189
External wall	£4,500	10,502	Gas	0.189
Internal wall	£3,000	9,928	Gas	0.189
Double glazing	£212	389	Gas	0.189
Hot water tank insulation	£14	800	Gas	0.189
Gas CH & replacement	£3,700	1,866	Gas	0.189
Gas boiler	£1,503	1,866	Gas	0.189
Central heating controls	£90	181	Gas	0.189
Oil CH & replacement	£5,367	1,866	Oil	0.249
Low energy light bulbs	£3	8	Electricity	0.43
Oil boiler	£1,255	1,866	Oil	0.249
Ground source heat pump	£11,360	10,720	Oil	0.249
Biomass boiler	£7,200	2,103	Oil	0.249
Solar photovoltaic	£6,337	2,115	Electricity	0.43
Solar water heating	£3,500	1,548	Gas	0.189
Wind turbine (assumes all micro wind)	£3,200	877	Electricity	0.43
Other measures...				

Source: CERT Illustrative Mix, 2008-2011

Source: How Much? Quantifying the cost of alleviating fuel poverty

As a source could not be found, it has been assumed that oil CH or a new oil boiler will save the same amount of kWh as gas CH

Please note that all assumptions used to calculate kWh energy savings are based on a 'base case' 3 bedroom semi detached house. For other types and sizes of property, CO2 savings are based on the carbon content of the fuel that is saved by the installation of the measure i.e. low energy light bulb saves electricity.

Please note that the carbon content figure displayed in the assumptions table are based on the CERT Illustrative Mix 2008-2011 and these figures may change year on year.

, the kWh saving assumption must be changed.									

or as the UK fuel mix/ source of fuel changes e.g. the carbon content of electricity will reduce as the UK moves away from coal and gas fired power stations to low carbon gen

eration.	