Home Energy Upgrade

Energy efficiency bands

			Very Poor	Poor	Fair	Good	Very Good
Home Heat Loss (Heat Loss Indicator)[1]		W/(K·m²)	> 4.000	4.000-3.001	3.000-2.301	2.300-1.001	< 1.000
Roof U-Value[2]		W/m²K	> 1.350	1.350-0.381	0.380-0.311	0.310-0.131	< 0.130
Walls U-Value[2]	Cavity Walls	W/m²K	> 1.440	1.440-0.831	0.830-0.461	0.460-0.211	< 0.210
	Other Walls	W/m²K	> 1.350	1.350-0.7201	0.720-0.391	0.390-0.211	< 0.210
Floor U-Value[2]		W/m²K	> 1.000	1.000-0.701	0.700-0.531	0.530-0.301	< 0.300
Windows U-Value[2]		W/m²K	> 3.100	3.100-2.501	2.500-1.901	1.900-1.101	< 1.100
Doors U-Value[2]		W/m²K	> 3.350	3.350-2.701	2.700-2.101	2.100-1.801	< 1.800
Space Heating – Primary Energy Efficiency[3]	Main	%	< 64	64-72.99	73-77.99	78-81.99	> =82
	Secondary	%	< 18	18-26.99	27-44.99	45-58.99	> =59
Space Heating Controls			No time control	Limited control	Basic control	Advanced control	Very advanced control
Water Heating Primary Energy Efficiency[3]		%	< 64	64-72.99	73-77.99	78-81.99	> =82
Lighting – Average Efficacy		Lm/W	< 15.00	15.00-24.99	25.00-49.99	50.00-59.99	> =60.00
Mechanical Ventilation Efficiency		%	< 50	50-59.99	60-69.99	70-79.99	> =80
Whole-house extract ventilation – Specific Fan Power		W/l/s	> 0.50	0.50-0.451	0.45-0.401	0.40-0.351	< =0.350
Renewable Energy Ratio		%	0	0 - 4.99	5-9.99	10-19.99	> =20

1. The Home Heat Loss Indicator (HLI) is a summary of the overall performance of the home. It includes all the fabric and ventilation upgrades listed in the table
2. A U-value is a measure of the heat loss through the building fabric. The higher the U-value, the greater the heat loss.
3. Primary Energy Efficiency is the efficiency divided by the primary energy conversion factor.