

Electricity for pumps and fans	370.0000	(231)
Electricity for lighting.....	601.9461	(232)
PV generation	1727.2394	(233)
Wind generation.....	3575.5408	(234)
Total delivered energy for all uses.....	13783.1266	(238)

10. Fuel costs

	Fuel kWh/year	Fuel price p/kWh	Fuel cost £/year		
Space heating - main system	9704.2634	5.4400	527.9119	(240)	
Space heating - main system 2	4158.9700	5.4400	226.2480	(241)	
Space heating - secondary	2361.8842	3.9900	94.2392	(242)	
Water heating	1888.8430	5.4400	102.7531	(247)	
Pumps and fans for heating	0.0000	370.0000	48.8030	(249)	
Electricity for lighting	601.9461	13.1900	79.3967	(250)	
Additional standing charges			0.0000	(251)	
Electricity generated - PVs	-1727.2394	13.1900	227.8229	(252)	
Electricity generated - wind	-3575.5408	13.1900	471.6138	(252)	
Total energy cost			379.9151	(255)	

11. SAP rating

Energy cost deflator.....	0.4200	(256)
Energy cost factor (ECF).....	0.6676	(257)
SAP value 90.6865		

SAP rating 91 (258) SAP BAND B

12. Carbon dioxide emissions

	Energy kWh/year	Emission factor	Emissions kg/year		
Space heating - main system	9704.2634	0.2980	2891.8705	(261)	
Space heating - main system 2	4158.9700	0.2980	1239.3731	(262)	
Space heating - secondary	2361.8842	0.2260	533.7858	(263)	
Water heating	1888.8430	0.2980	562.8752	(264)	
Space and water heating			5227.9046	(265)	
Pumps and fans	0.5190	370.0000	192.0300	(267)	
Energy for lighting	601.9461	0.5190	312.4100	(268)	
Electricity generated - PVs	-1727.2394	0.5190	896.4372	(269)	
Electricity generated - wind	-3575.5408	0.5190	1855.7056	(269)	
Total kg/year			2980.2017	(272)	
kg/m ² /year				15.36	(273)

CO2 emissions per m²

El value 83.2909

El rating

83

(274) El band B