

COMPARATIVE HEATING COSTS - SOUTH EAST ENGLAND - MAY 2006
SPACE AND WATER HEATING FOR HOUSES

FUEL	UNIT	Unit cost pence (Inc VAT)	Type of heating system	Average system efficiency %		Cost per useful kWh in pence	Annual standing charge (Inc VAT) £	Cost of service & running circulating pump £	Fuel Supplier Discount £	Annual cost of space & water heating for average size houses		
				space	dhw					2 Bed (1)	3 Bed (2)	4 Bed (3)
SOLID FUEL												
Housecoal-Grade A	50 kg	1011	Open fire with back boiler Radiators & DHW cylinder	60	-	4.04						
				-	25	9.71	-	35		613	803	1135
Anthracite Nuts	50 kg	1257	Room heater with back boiler Radiators & DHW cylinder	70	-	3.72						
				-	25	10.41	-	35		596	778	1091
Anthracite Grains	50 kg	1121	Gravity feed boiler Radiators & DHW cylinder	70	-	3.54						
				-	30	8.26	-	35		536	702	991
ELECTRIC												
Seeboard Standard Domestic Band A - first 900 units	(a)	13.18	Electric radiators	100	-	9.05	0	-		1155	1537	2235
Band B - balance of units	(b)	9.05	Immersion water htr	-	70	12.93						
Seeboard Economy Seven Domestic Band A (first 1000 units)	(a)	15.61	Storage htrs, living rooms	90	-	4.18						
Band B (balance of day units)	(b)	9.58	Electric rads, bedrooms	100	-	3.76						
Night Units	(c)	3.76	Immersion water htr, night	-	70	5.37						
Night Use =90%			Immersion water htr, day	-	70	22.30	0.00	-	8.40	624 (9)	820 (9)	1182 (9)
						(4)						
BRITISH GAS												
Two tier, Direct Debit Tariff	a)	3.441	Gas fired boiler	70	35	Note (8)		55		588	752	1044
	b)	2.553	Radiators & DHW cylinder									
a) First 4572kWh	a)	3.441	Gas fired condensing boiler	85	45	Note (8)		55		494	628	867
b) After 4572kWh	b)	2.553	Radiators & DHW cylinder									
Seeboard Two tier, Direct Debit Tariff	a)	3.576	Gas fired boiler	70	35	Note (8)	0.00	55	3%	535	675	924
	b)	2.250	Radiators & DHW cylinder									
a) First 5860kWh	a)	3.576	Gas fired condensing boiler	85	45	Note (8)	0.00	55	3%	455	569	773
b) Balance of units	b)	2.250	Radiators & DHW cylinder									
LPG												
Propane 1 Litre		33.50 (5)	LPG fired boiler Radiators & DHW cylinder	70	-	6.73						
				-	35	13.46	50.00 (6)	55		1013	1316	1854
		33.50 (5)	LPG fired condensing boiler Radiators & DHW cylinder	85	-	5.54						
				-	45	10.47	50.00 (6)	55		841	1087	1527
KEROSENE												
1 Litre		35.65 (7)	Oil fired boiler Radiators and DHW cylinder	70	-	4.92						
				-	35	9.84	-	55		719	941	1334
		35.65 (7)	Oil fired condensing boiler Radiators & DHW cylinder	85	-	4.05						
				-	45	7.65	-	55		593	773	1095

Notes

- (1) Terraced 2 bedroom house, 9500 kWh space heating & 2000 kWh DHW heating.
 (2) Semi-detached 3 bedroom house, 13000 kWh space heating & 2500 kWh DHW heating.
 (3) Detached 4 bedroom house, 20000 kWh space heating & 3000 kWh DHW heating.
 (4) These costs/useful kWh are indicative only and may not be used in the calculation process.
 (5) Fuel delivered to 1200 litre storage cylinder. Rental shown in standing charge column.
 (6) Includes tank provision and renewal, plus annual safety inspection
 (7) Fuel delivered in 1000 litre drop.
 (8) See GAS RUNNING COST CALCULATOR for derivation of overall Cost/Useful kWh
 (9) See ELECTRICITY RUNNING COST CALCULATOR for derivation of Annual Cost for average dwelling