

**COMPARATIVE HEATING COSTS - SCOTLAND - MAY 2006**  
**SPACE AND WATER HEATING FOR HOUSES**

FUEL		Unit cost  pence (Inc VAT)	Type of heating system	Average system efficiency % space htg dhw htg		Cost per useful kWh in pence	Annual standing charge (Inc VAT) £	Cost of maintenance & running circulating pump £	Dual Fuel Supplier Discount £	Annual cost of space & water heating for average size houses 2 Bed (1) 3 Bed (2) 4 Bed (3)			
SOLID FUEL	Housecoal-Group A 50 kg	859	Open fire with back boiler Radiators & DHW cylinder	60 -	- 25	3.44 8.25	-	35		581	764	1083	
	Anthracite Nuts 50 kg	1071	Room heater with back boiler Radiators & DHW cylinder	70 -	- 25	3.17 8.87	-	35		564	738	1039	
	Anthracite Grains 50 kg	930	Gravity feed boiler Radiators & DHW cylinder	70 -	- 30	2.94 6.85	-	35		498	653	925	
ELECTRIC	Scottish Power (after first 900)	15.85 10.00	Electric radiators, day Immersion water htr, day	100 -	- 70	10.00 14.29	0.00	-		1448	1930	2811	
	White Meter No.1												
	Day units (first 900 a)	18.21	Storage htrs, living rooms	90	-	4.91							
	Day units (Balance b)	10.23	Electric rads, bedrooms	100	-	4.42							
	Night units c)	4.42	Immersion water htr, night Immersion water htr, day	- -	70 70	6.31 26.01	0.00	-		819 (9)	1078 (9)	1554 (9)	
NATURAL GAS	a)	3.441		70 -	- 35	Note (8)		55		646	832	1164	
	British Gas Two tier Direct Debit Tariff	b)	2.553	Gas fired boiler Radiators & DHW cylinder	70 -	- 35							
	a)	3.441		85 -	- 45	Note (8)		55		542	694	966	
	a) First 4,572kWh b) After 4,572kWh	b)	2.553	Gas fired condensing boiler Radiators & DHW cylinder	85 -	- 45							
	a)	3.259	Gas fired boiler	70	-								
	Scottish Power Direct Debit Tariff	b)	2.331	Radiators & DHW cylinder	-	35	Note (8)		55		600	770	1073
LPG	a) First 4,572kWh b) After 4,572kWh	a) b)	3.259 2.331	Gas fired condensing boiler Radiators & DHW cylinder	85 -	- 45	Note (8)		55		505	644	892
	Propane 1 Litre	29.50 (5)	LPG fired boiler Radiators & DHW cylinder	70 -	- 35	5.92 11.85	50.00 (6)	55		1000	1302	1841	
OIL		29.50 (5)	LPG fired condensing boiler Radiators & DHW cylinder	85 -	- 45	4.88 9.22	50.00 (6)	55		831	1077	1518	
	Kerosene 1 Litre	35.87 (7)	Oil fired boiler Radiators and DHW cylinder	70 -	- 35	4.95 9.90	-	55		803	1055	1506	
		35.87 (7)	Oil fired condensing boiler Radiators and DHW cylinder	85 -	- 45	4.08 7.70	-	55		661	867	1236	

## Notes

- (1) Terraced 2 bedroom house, 11100 kWh space heating & 2000 kWh DHW heating.
- (2) Semi-detached 3 bedroom house, 15200 kWh space heating & 2500 kWh DHW heating.
- (3) Detached 4 bedroom house, 23300 kWh space heating & 3000 kWh DHW heating.
- (4) Difference between Off Peak and Standard Domestic Tariff annual standing charge.
- (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 to 2725 litre storage tank.
- (8) See GAS RUNNING COST CALCULATOR for derivation of Cost/Useful kWh
- (9) See ELECTRICITY RUNNING COST CALCULATOR for derivation of Annual Cost for average dwelling