

| May06SWW(a) | | | | | | | | | | | |
|---|--|---------------------------------|-----------------------------|----------|---|-------------------------------|--|----------------------------------|--|-----------|-----------|
| COMPARATIVE HEATING COSTS - SOUTH WEST ENGLAND & WALES - MAY 2006 SPACE AND WATER HEATING FOR HOUSES | | | | | | | | | | | |
| FUEL | Type of heating system | Unit cost pence (Inc VAT) | Average system efficiency % | | Cost per useful kWh in Inc VAT pence | Annual standing charge £ | Cost of service & running circulating pump | Fuel Supplier Discount £ or % | Annual cost of space & water heating for average size houses | | |
| | | | space htg | dhw htg | | | | | 2 Bed (1) | 3 Bed (2) | 4 Bed (3) |
| SOLID FUELS | | | | | | | | | | | |
| Housecoal-Grade A 50 kg | Open fire with back boiler Radiators & DHW cylinder | 854 | 60 - | - 25 | 3.42 8.20 | - | 35 | | 500 | 653 | 916 |
| Anthracite Nuts 50 kg | Room heater with back boiler Radiators & DHW cylinder | 1008 | 70 - | - 25 | 2.98 8.35 | - | 35 | | 464 | 605 | 840 |
| Anthracite Grains 50 kg | Gravity feed boiler Radiators & DHW cylinder | 872 | 70 - | - 30 | 2.76 6.43 | - | 35 | | 406 | 529 | 740 |
| ELECTRIC | | | | | | | | | | | |
| SWEB Domestic Tariff (DD) | | | | | | | | | | | |
| Band A - first 900 units (a) | Electric radiators | 14.54 | 100 - | - 70 | 9.88 14.11 | 0 | - | | 1194 | 1590 | 2303 |
| Band B - balance of uni (b) | Immersion water htr | 9.88 | | | | | | | | | |
| ELECTRIC | | | | | | | | | | | |
| SWEB Economy Seven Domestic Tariff (DD) | | | | | | | | | | | |
| Band A (first 1000 units (a) | Storage htrs, living rooms | 15.31 | 90 100 | - - | 4.64 4.18 | | | | | | |
| Band B (balance of day (b) | Electric rads, bedrooms | 11.11 | | | | | | | | | |
| Night Units (c) | Immersion water htr, night | 4.18 | - - | 70 70 | 5.97 21.87 | 0.00 | - | 8.40 | 638 | 848 | 1227 |
| Night Use =90% | Immersion water htr, day | | | | (4) | | | | | | |
| BRITISH GAS | | | | | | | | | | | |
| Two tier Direct Debit Tariff | Gas fired boiler Radiators & DHW cylinder | a) 3.441 b) 2.553 | 70 | 35 | Note (8) | | 55 | | 562 | 719 | 993 |
| BRITISH GAS | | | | | | | | | | | |
| a) First 4,572kWh b) After 4,572kWh | Gas fired condensing boiler Radiators & DHW cylinder | a) 3.441 b) 2.553 | 85 | 45 | Note (8) | | 55 | | 473 | 601 | 824 |
| GREEN GAS | | | | | | | | | | | |
| SWEB Direct Debit Tariff | Gas fired boiler Radiators & DHW cylinder | a) 3.576 b) 2.250 | 70 | 35 | Note (8) | | 55 | 3% | 513 | 647 | 881 |
| a) First 4,572kWh b) After 4,572kWh | Gas fired condensing boiler Radiators & DHW cylinder | a) 3.576 b) 2.250 | 85 | 45 | Note (8) | | 55 | 3% | 437 | 546 | 737 |
| LPG | | | | | | | | | | | |
| Propane | LPG fired boiler Radiators & DHW cylinder | 32.80 (5) | 70 - | - 35 | 6.59 13.18 | 50.00 | 55 | | 948 | 1231 | 1726 |
| LPG | LPG fired condensing boiler Radiators & DHW cylinder | 32.80 (5) | 85 - | - 45 | 5.43 10.25 | (6) 50.00 (6) | 55 | | 787 | 1018 | 1421 |
| OIL | | | | | | | | | | | |
| 28 sec. viscosity | Oil fired boiler Radiators and DHW cylinder | 36.28 (7) | 70 - | - 35 | 5.01 10.01 | - | 55 | | 696 | 911 | 1287 |
| Kerosene | Oil fired condensing boiler Radiators and DHW cylinder | 36.28 (7) | 85 - | - 45 | 4.12 7.79 | - | 55 | | 574 | 749 | 1056 |
| Notes (1) Terraced 2 bedroom house, 8800 kWh space heating & 2000 kWh DHW heating. (2) Semi-detached 3 bedroom house, 12100 kWh space heating & 2500 kWh DHW heating. (3) Detached 4 bedroom house, 18600 kWh space heating & 3000 kWh DHW heating. (4) Difference between Economy 7 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 in 1000 litre drop (8) See GAS RUNNING COST CALCULATOR for derivation of Cost/Useful kWh | | | | | | | | | | | |
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