

COMPARATIVE HEATING COSTS - REPUBLIC OF IRELAND - MAY 2006
SPACE AND WATER HEATING FOR HOUSES

FUEL	Type and sold in units of	Unit cost in €	Type of heating system	Average system efficiency % space htg dhw htg		Cost per useful kWh €	Annual standing charge €	Cost of maintenance & running circulating pump	Annual cost of space & water heating for average size houses 2 Bed (1) 3 Bed (2) 4 Bed (3)		
SOLID FUELS	Peat Briquettes Bale	3.00	Room heater with back boiler Radiators & DHW cylinder	50	25	8.96 17.91		45	1191	1576	2248
	Housecoal 1 Tonne	280.93	Open fire with back boiler Radiators & DHW cylinder	50 -	- 25	6.80 13.59	-	45	915	1207	1717
	Smokeless Fuel (Ovoids) 1 Tonne	319.68	Room heater with back boiler Radiators & DHW cylinder	70 -	- 25	5.13 14.37	-	45	784	1025	1430
	Anthracite Peas 1 Tonne	377.46	Gravity feed boiler Radiators & DHW cylinder	70 -	- 30	6.06 14.13	-	45	861	1131	1596
ELECTRICITY	ESB Standard Domestic Tariff - 1 Unit	0.145	Electric radiators, day Immersion water htr, day	100 -	- 70	14.45 20.64	83.54	-	1768	2348	3391
	Urban Night Saver - 1 Unit										
	(a) Night rate 90% of use	(a) 0.0699 (b) 0.1445	Storage htrs, living rooms Electric rads, bedrooms	90 100	- -	7.77 6.99					
	(b) Day rate 10% of use	(a) 0.0699 (b) 0.1445	Immersion water htr, night Immersion water htr, day	- -	70 70	9.99 9.99	139.25 (4)	-	1016	1319	1869
NATURAL GAS	Bord Gais Eireann Standard Tariff kWh	0.03400	Gas fired boiler Radiators & DHW cylinder	70 -	- 35	4.86 9.71	246.26	90	958	1167	1531
		0.03400	Gas fired condensing boiler Radiators & DHW cylinder	85 -	- 45	4.00 7.56	246.26	90	839	1009	1307
LPG	Propane 1 Litre	0.5900 (5)	LPG fired boiler Radiators & DHW cylinder	70 -	- 35	11.85 23.70	91.38	70	1678	2188	3076
		0.5900 (5)	LPG fired condensing boiler Radiators & DHW cylinder	85 -	- 45	9.76 18.43	91.38	70	1389	1803	2529
OIL	Heating oil 28 sec. Kerosine	0.6624 (6)	Oil fired boiler Radiators and DHW cylinder	70 -	- 35	9.30 18.59	-	70	1260	1660	2357
		0.6624 (6)	Oil fired condensing boiler Radiators and DHW cylinder	85 -	- 45	7.66 14.46	-	70	1033	1358	1928
	Heating oil 35 sec. Gas Oil	0.6587 (6)	Oil fired boiler Radiators and DHW cylinder	70 -	- 35	8.91 17.82	-	70	1211	1594	2262

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 Nightsaver and Standard Domestic Tariff annual standing charges, (including Public Service Obligation)
 (5) Fuel delivered to 1200 litre storage cylinder. Rental shown in standing charge column.
 (6) Fuel delivered in 1000 litre drop.