

Notes:

1. Estimated average price to consumers countrywide.
2. Average price delivered in Munster area.
3. Prices include delivery in Dublin area only.
4. Oil prices assuming 1000L delivered.
Also inc. government duty 1.6cpl on kerosene and 4.736cpl on gas oil.
5. L.P.G. standing charge : €15.23 every 2 months,
(incl. tank rental and maintenance)
6. Standing charges for Natural Gas are not included but must be included in all total cost calculations.
New Standard : €59.02 per annum incl VAT
Winter Saver : €266.73 per annum & winter credit of €212.37 inc VAT
Large Residential user : €59.02 per annum plus a Capacity charge of €2.187 per Supply Point Capacity kWh incl VAT (see BGE website for more details)
7. Standing charges for electricity are not included but must be included in all total cost calculations.
General Domestic : 31.7c per day incl VAT
Night Saver : 42.7c per day incl VAT
(charges are weighted average between rural and urban)
8. All ROI prices are inclusive of 13.5% VAT. NI rate of 5% VAT applies to wood purchased in the North.
9. Wood fuel prices may vary from the average, given the fragmented supplier network at present.
10. Minimum delivery conditions may apply. Discounts may apply for larger quantities.

Fuel	Form	Unit of Supply	Average ⁸ Price per Unit (€)	Gross Calorific Value (kWh/unit)	Delivered Energy Cost cent/kWh	Percentage change since 1 July, 2008	Percentage Change since 1 July, 2007
Peat¹ (see note)	Briquettes, Baled	Bale	3.50	67.0	5.22	-	-
Coal (see note)	Premium Coal ² Standard Coal ² Standard Anthracite ³ Grade A Anthracite ³ Ovoids (Smokeless) ³	Tonne Tonne Tonne Tonne Tonne	405.00 385.00 470.00 520.00 435.00	8267.2 7900.0 8735.2 8960.0 8850.0	4.90 4.87 5.38 5.80 4.92	+4% +4% - - +6%	+29% +31% +19% +17% +21%
Oil⁴	Gas Oil Kerosene	Litre Litre	0.92 0.89	10.55 10.18	8.68 8.78	-12% -14%	+50% +47%
L.P.G.	Bulk L.P.G. ⁵ Bottled Butane Bottled Propane Bottled Propane	Litre 11.35 kg Cylinder 34 kg Cylinder 47 kg Cylinder	0.89 29.10 78.75 109.04	7.09 155.7 471.0 651.0	12.58 18.69 16.72 16.75	+5% +5% +5% +5%	+39% +22% +23% +23%
Natural Gas⁶ (see note)	New Standard rate ⁶ No Standing Charge - up to 3550 No Standing Charge - over 3550 Winter Saver ⁶ Large Residential User (>73000kWh) ⁶	kWh kWh kWh kWh kWh	0.06 0.08 0.06 0.05 0.04	1.0 1.0 1.0 1.0 1.0	6.21 8.00 6.21 5.47 3.66	+21% +17% +21% New tariff structure since 01/09/08 New tariff structure since 01/09/08	+13% +17% +21%
Electricity⁷ PES Tariffs (see note)	General Domestic Rate ⁷ Night Saver - Day ⁷ Night Saver - Night ⁷	kWh kWh kWh	0.18 0.19 0.10	1.0 1.0 1.0	18.13 19.36 9.58	+21% +21% +21%	+11% +19% +20%
Wood⁹	Pellets Bulk Delivery ¹⁰ Pellets Bagged Briquettes	kg kg kg	0.22 0.32 0.34	4.8 4.8 4.8	4.65 6.69 7.00	+1% - -	+15% +3% -9%

Special Notes:

New Tariff structure for both Electricity (1/08/2008) and Gas (01/09/2008). Please see www.esb.ie and www.bge.ie for more details.
Coal and Peat prices as of July 2008.

Domestic Fuels

Comparison of Useful Energy Costs for Space Heating

1-Oct-2008

Notes:

- 11. Use manufacturers recommended fuel for each appliance.
- 12. Efficiencies quoted are seasonal efficiencies, where Seasonal Efficiency = Conversion Efficiency x Utilisation Efficiency.
- 13. Delivered energy costs quoted are for the conditions stated overleaf.
- 14. DFE: Decorative fuel effect appliance in an open fire setting.
- 15. Adequate ventilation is required for flueless gas heaters.
- 16. Higher efficiency indicated (50-60%) applies to these fuels.
- 17. Higher efficiency indicated (60-70%) applies to these fuels.
- 18. These specific fuel rates incur standing charges which must be included in all total cost calculations. See overleaf for standing charges.

Fuel ¹¹	Form	Delivered Energy Cost ¹³ (c/kWh)	Efficiency Ratings									Heating Types & Efficiencies
			90%	80%	70%	60%	50%	40%	30%	20%	10%	
Peat	Briquettes, Baled	5.22	5.80	6.53	7.46	8.71	10.45	13.06	17.41	26.12	52.24	Room Heater Peat 45-55% Coal 50-60% Gas 65-75% Open Fire with High Output Back Boiler All 35-50% Open Fire, Solid fuel or Gas DFE ¹⁴ All 20-30% Oil Fired Boiler Gas Oil 55-70% Kerosene 60-70% Gas Fired Boiler All 65-75% Electric Fire All 100% Flueless Gas/Storage Heater All 90% Wood Boiler 80% Condensing Boiler 90%
Coal	Premium Coal	4.90	5.44	6.12	7.00	8.16	9.80	12.25	16.33	24.49	48.99	
	Standard Coal	4.87	5.41	6.09	6.96	8.12	9.75	12.18	16.24	24.37	48.73	
	Standard Anthracite ¹⁶	5.38	5.98	6.73	7.69	8.97	10.76	13.45	17.94	26.90	53.81	
	Grade A Anthracite ¹⁶	5.80	6.45	7.25	8.29	9.67	11.61	14.51	19.35	29.02	58.04	
	Ovoids (Smokeless)	4.92	5.46	6.14	7.02	8.19	9.83	12.29	16.38	24.58	49.15	
Oil	Gas Oil	8.68	9.65	10.86	12.41	14.47	17.37	21.71	28.95	43.42	86.85	
	Kerosene ¹⁷	8.78	9.76	10.98	12.55	14.64	17.57	21.96	29.28	43.91	87.83	
L.P.G.	Bulk L.P.G. ²⁰	12.58	13.98	15.72	17.97	20.97	25.16	31.45	41.93	62.90	125.79	
	Bottled Butane	18.69	20.77	23.36	26.70	31.15	37.38	46.72	62.30	93.45	186.90	
	Bottled Propane 34kg	16.72	18.58	20.90	23.89	27.87	33.44	41.80	55.73	83.60	167.20	
	Bottled Propane 47kg	16.75	18.61	20.94	23.93	27.91	33.50	41.87	55.83	83.74	167.49	
Natural Gas	New Standard rate ¹⁸	6.21	6.90	7.76	8.87	10.35	12.42	15.52	20.69	31.04	62.08	
	No Standing Charge - up to 3550	8.00	8.89	10.00	11.43	13.34	16.00	20.00	26.67	40.01	80.02	
	No Standing Charge - over 3550	6.21	6.90	7.76	8.87	10.35	12.42	15.52	20.69	31.04	62.08	
	Winter Saver ¹⁸	5.47	6.08	6.84	7.81	9.12	10.94	13.68	18.23	27.35	54.70	
	Large Residential User (>73000kWh) ¹⁸	3.66	4.07	4.58	5.23	6.10	7.32	9.15	12.20	18.30	36.60	
Electricity PES Tariffs	General Domestic Rate ¹⁸	18.13	20.14	22.66	25.89	30.21	36.25	45.31	60.42	90.63	181.26	
	Night Saver - Day ¹⁸	19.36	21.51	24.20	27.66	32.27	38.73	48.41	64.54	96.82	193.63	
	Night Saver - Night ¹⁸	9.58	10.64	11.97	13.68	15.97	19.16	23.95	31.93	47.90	95.79	
Wood	Pellets Bulk Delivery	4.65	5.17	5.82	6.65	7.75	9.31	11.63	15.51	23.26	46.53	
	Pellets Bagged	6.69	7.43	8.36	9.55	11.15	13.38	16.72	22.29	33.44	66.88	
	Briquettes	7.00	7.78	8.75	10.00	11.67	14.00	17.51	23.34	35.01	70.02	