

Notes:

1. Ex-works price. Add delivery costs as appropriate.
Actual prices also depend on quality purchased.
2. Prices used are an average of wholesale scheduled prices, exclusive of any rebates that may apply. Rebate may reduce fuel cost in the region of 20-25% depending on various market conditions. Please contact your petroleum supplier for current prices.
3. Prices available on request from suppliers for L.P.G. quantities over three tonnes.
4. Gas prices are VAT Incl prices from the EU Price Directive Survey, & represent prices for 01/01/2011 to 30/06/2011 (Prices updated every 6 mths)
For methodology and more details please see the following report : http://www.seai.ie/Publications/Statistics_Publications/EPSSU_Publications/Electricity_and_Gas_Prices/Electricity_Gas_Prices_in_Ireland.pdf
Carbon tax of €0.00277 per kWh is included in the prices
- 5 Electricity prices are VAT Incl prices from the EU Price Directive Survey, & represent prices for 01/01/2011 to 30/06/2011 (Prices updated every 6 mths)
For methodology and more details please see the following report : http://www.seai.ie/Publications/Statistics_Publications/EPSSU_Publications/Electricity_and_Gas_Prices/Electricity_Gas_Prices_in_Ireland.pdf
6. **PSO LEVY:** The Commission for Energy Regulation (CER) has determined payment for Maximum and Large customers (max import capacity >=30kVA) for the period 1/10/2011 to 30/09/2012 to be: Small commercial (max import capacity < 30kVA) €4.77/cust per mth
Medium & large customers (max import capacity >= 30kVA) = €0.71/kVA
See www.cer.ie for more details
7. All ROI prices are inclusive of 13.5% VAT . NI VAT rate of 17.5% applies for wood purchased in the North.
8. Wood fuel prices may vary from the average, given the fragmented supplier network at present.
9. Minimum delivery conditions may apply. Discounts may apply for larger quantities.

Fuel	Form	Unit of Supply	Average ⁷ Price per Unit (€)	Gross Calorific Value (kWh/unit)	Delivered Energy Cost cent/kWh	Percentage change since 1 July, 2011	Percentage change since 1 October, 2010
Coal¹	Industrial Fines	Tonne	55.00	7759.2	0.71	-	-
Oil² Incl Carbon Tax	Gas Oil	Litre	1.011	10.55	9.58	+4.6%	+18.9%
	Light Fuel Oil	Litre	0.955	11.21	8.52	+2.5%	+20.5%
	Medium Fuel Oil	Litre	0.928	11.32	8.20	+1.3%	+22.2%
	Heavy Fuel Oil	Litre	0.903	11.45	7.89	+0.8%	+21.9%
L.P.G. Incl Carbon Tax	Commercial Cylinders	kg	1.948	13.96	13.95	-	+4.6%
	Bulk L.P.G. (0-3 tonnes) ³	Litre	0.803	7.09	11.33	-	+10.6%
	Bulk L.P.G. (3.1-40 tonnes)	Litre	0.732	7.09	10.33	-	+8.9%
Natural Gas⁴ Incl Carbon Tax (see note)	Band 11: <1000 GJ per annum	kWh	0.0433	1.0	4.33	-	-8.1%
	Band 12: >=1000 <10,000 GJ per annum	kWh	0.0421	1.0	4.21	-	-1.0%
	Band 13: >=10,000 <100,000 GJ per annum	kWh	0.0422	1.0	4.22	-	+21.2%
	Band 14: >=100,000 <1,000,000 GJ per annum	kWh	0.0298	1.0	2.98	-	+11.2%
Electricity^{5,6} (see note)	Band 1A: <20MWh per annum	kWh	0.2094	1.0	20.94	-	+5.3%
	Band 1B: >=20 < 500 MWh per annum	kWh	0.1523	1.0	15.23	-	-1.0%
	Band 1C: >=500 < 2000 MWh per annum	kWh	0.1310	1.0	13.10	-	+2.1%
	Band 1D: >=2000 < 20,000 MWh per annum	kWh	0.0991	1.0	9.91	-	+0.9%
	Band 1E: >=20,000 < 70,000 MWh per annum	kWh	0.0873	1.0	8.73	-	-3.8%
	Band 1F: >=70,000 < 150,000 MWh per annum	kWh	0.0780	1.0	7.80	-	-
Wood⁸	Fuel Chips (35% moisture)	kg wet	0.10	3.2	3.10	-	-9.1%
	Pellets bulk delivery ⁹	kg	0.21	4.8	4.42	-0.7%	+12.0%
	Pellets bagged	kg	0.24	4.8	5.03	-4.4%	-9.2%

Special Notes:

Page 1 of 2

Note: New source for Electricity and Gas Prices from October 2010 : Due to full deregulation of the market, prices are now sourced from the prices gathered for the EU Gas & Electricity Price Transparency Directive. Prices are updated 6 monthly.

See notes 4 & 5 and also http://www.seai.ie/Publications/Statistics_Publications/EPSSU_Publications/ for the latest report.

Electricity - from 1/10/2011 the PSO levy was reduced as follows:

From €8.25 to €4.77 per customer per month for small commercial customers and from €1.15 to €0.71 per kVA for medium and large customers, see www.cer.ie for more details
Carbon Tax was introduced for Oil, L.P.G and Natural Gas on 1st May 2010. See www.revenue.ie for more details.

Notes:

10. Efficiencies quoted are seasonal efficiencies, where Seasonal Efficiency = Conversion Efficiency x Utilisation Efficiency.
11. Delivered energy costs quoted are for the conditions stated overleaf.

Fuel	Form	Delivered Cost ¹¹ (c/kWh)	Efficiency Ratings ¹⁰									Heating Types & Efficiencies
			90%	80%	70%	60%	50%	40%	30%	20%	10%	
Coal	Industrial Fines	0.71	0.79	0.89	1.01	1.18	1.42	1.77	2.36	3.54	7.09	Solid Fuel Boiler 65% - 75%
Oil	Gas Oil	9.58	10.64	11.97	13.68	15.96	19.16	23.95	31.93	47.89	95.79	Gas or Oil Fired Boiler or Air Heater 65% - 75%
	Light Fuel Oil	8.52	9.47	10.65	12.17	14.20	17.04	21.30	28.40	42.59	85.19	
	Medium Fuel Oil	8.20	9.11	10.24	11.71	13.66	16.39	20.49	27.32	40.98	81.96	
	Heavy Fuel Oil	7.89	8.76	9.86	11.27	13.15	15.77	19.72	26.29	39.44	78.87	
L.P.G.	Commercial Cylinders	13.95	15.50	17.44	19.93	23.26	27.91	34.88	46.51	69.77	139.53	Storage Heater 90%
	Bulk L.P.G. (0-3 tonnes)	11.33	12.58	14.16	16.18	18.88	22.65	28.31	37.75	56.63	113.25	
	Bulk L.P.G. (3.1-40 tonnes)	10.33	11.48	12.91	14.76	17.22	20.66	25.83	34.43	51.65	103.30	
Natural Gas	Band 11: <1000 GJ per annum	4.33	4.81	5.41	6.19	7.22	8.66	10.83	14.44	21.66	43.31	Electric Heater 100%
	Band 12: >=1000 <10,000 GJ per annum	4.21	4.68	5.26	6.01	7.02	8.42	10.52	14.03	21.05	42.09	
	Band 13: >=10,000 <100,000 GJ per annum											
	Band 14: >=100,000 <1,000,000 GJ per annum											
Electricity	Band 1A: <20MWh per annum	20.94	23.26	26.17	29.91	34.89	41.87	52.34	69.79	104.68	209.36	Direct Gas Fired Heater 90%
	Band 1B: >=20 < 500 MWh per annum	15.23	16.92	19.03	21.75	25.38	30.46	38.07	50.76	76.14	152.28	
	Band 1C: >=500 < 2000 MWh per annum	13.10	14.56	16.38	18.72	21.84	26.21	32.76	43.68	65.52	131.04	
	Band 1D: >=2000 < 20,000 MWh per annum	9.91	11.02	12.39	14.16	16.52	19.83	24.79	33.05	49.57	99.14	
	Band 1E: >=20,000 < 70,000 MWh per annum	8.73	9.70	10.91	12.47	14.55	17.46	21.82	29.09	43.64	87.28	
	Band 1F: >=70,000 < 150,000 MWh per annum	7.80	8.66	9.74	11.14	12.99	15.59	19.49	25.99	38.98	77.96	
Wood	Fuel Chips	3.10	3.44	3.87	4.42	5.16	6.19	7.74	10.32	15.48	30.96	
	Pellets	4.42	4.91	5.52	6.31	7.37	8.84	11.05	14.73	22.10	44.19	
	Pellets bagged	5.03	5.59	6.28	7.18	8.38	10.06	12.57	16.76	25.14	50.28	