

# Understanding Electricity & Gas Prices in Ireland – Annex

2<sup>ND</sup> SEMESTER (JULY – DECEMBER) 2008





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*Energy Policy Statistical  
Support Unit*

## Sustainable Energy Ireland

Sustainable Energy Ireland was established as Ireland's national energy agency under the Sustainable Energy Act 2002. SEI's mission is to promote and assist the development of sustainable energy. This encompasses environmentally and economically sustainable production, supply and use of energy, in support of Government policy, across all sectors of the economy including public bodies, the business sector, local communities and individual consumers. Its remit relates mainly to improving energy efficiency, advancing the development and competitive deployment of renewable sources of energy and combined heat and power, and reducing the environmental impact of energy production and use, particularly in respect of greenhouse gas emissions.

SEI is charged with implementing significant aspects of government policy on sustainable energy and the climate change abatement, including:

- Assisting deployment of superior energy technologies in each sector as required;
- Raising awareness and providing information, advice and publicity on best practice;
- Stimulating research, development and demonstration;
- Stimulating preparation of necessary standards and codes;
- Publishing statistics and projections on sustainable energy and achievement of targets.

It is funded by the Government through the National Development Plan with programmes part financed by the European Union.

## Energy Policy Statistical Support Unit (EPSSU)

SEI has a lead role in developing and maintaining comprehensive national and sectoral statistics for energy production, transformation and end use. This data is a vital input to meeting international reporting obligations, for advising policy makers and informing investment decisions. Based in Cork, EPSSU is SEI's specialist statistics team. Its core functions are to:

- Collect, process and publish energy statistics to support policy analysis and development in line with national needs and international obligations;
- Conduct statistical and economic analyses of energy services sectors and sustainable energy options;
- Contribute to the development and promulgation of appropriate sustainability indicators.

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## 1. Introduction

The fluctuations in energy prices over the past number of years are a key concern to all energy consumers in Ireland, as they impact on the rate of inflation and competitiveness. Understanding the key contributing factors and the precise impacts of energy price changes are key ingredients to developing appropriate, sensible and measured responses from businesses, householders and policy makers. Comparing energy prices in Ireland with those of other EU Member States and elsewhere is a particularly important aspect of any analysis of the impact of price changes.

This Annex presents detailed tables of electricity and gas prices in euro currency throughout Europe and complements the main report. Also shown in the tables is the percentage price change between the semesters and change in the latest 12 months. Note that the percentage price change shown in the tables is calculated from the published Eurostat euro values for each country. Percentage price change in national currencies may differ considerably from these.

SEI acknowledges the co-operation of electricity and gas suppliers in providing the information necessary for Ireland to comply with the *European Commission Decision (2007/394/EC)* amending *Directive 90/377/EEC* with regard to the methodology to be applied for the collection of gas and electricity prices charged to industrial and household end-users and to allow this analysis to be carried out.

This is the third edition of this report focusing on energy prices and the first presenting this Annex. Feedback and comments on the report are welcome and should be addressed by post to the address on the rear cover or by e-mail to [EPSSU@SEI.ie](mailto:EPSSU@SEI.ie).

Readers may also be interested in previous statistical analysis related to energy prices carried out by SEI. The report *Energy in Ireland 1990 – 2007* tracks changes in aggregated energy prices from 2000. The report *Energy in Industry 2007* assesses how significant energy costs are as a proportion of the overall cost base for industrial enterprises, drawing on data from the CSO's *Census of Industrial Production*. Both reports are available from [www.sei.ie/statistics](http://www.sei.ie/statistics).

## 2. Electricity prices to Business in the EU

**Table 1 Industrial/Services Electricity Prices in band IA in Europe (S2 2007 to S2 2008)**

Band IA	without VAT (c/kWh)			% change		
	July 07 - Dec 07	Jan 08 - June 08	July 08 - Dec 08	S2 '07 - S1 '08	S1 '08 - S2 '08	12 months to S1 '08
	Austria	12.56	12.36	13.37	-1.6%	8.2%
Belgium	14.36	16.78	17.23	16.9%	2.7%	20.0%
Bulgaria	6.80	6.85	7.67	0.7%	12.0%	12.8%
Croatia	9.29	9.49	11.28	2.2%	18.9%	21.4%
Cyprus	14.73	16.51	19.28	12.1%	16.8%	30.9%
Czech Republic	14.13	16.47	16.79	16.6%	1.9%	18.8%
Germany	17.59	17.68	18.31	0.5%	3.6%	4.1%
Denmark	17.63	19.41	20.66	10.1%	6.4%	17.2%
Estonia	6.90	7.09	7.54	2.8%	6.3%	9.3%
Finland	7.59	7.70	8.14	1.4%	5.7%	7.2%
France	10.60	10.18	11.17	-4.0%	9.7%	5.4%
Greece	12.37	12.90	13.78	4.3%	6.8%	11.4%
Hungary	12.20	14.87	14.96	21.9%	0.6%	22.6%
Ireland	15.43	14.77	17.53	-4.3%	18.7%	13.6%
Italy	..	20.02	22.25	..	11.1%	..
Latvia	13.03	8.89	10.06	-31.8%	13.2%	-22.8%
Lithuania	10.68	10.18	10.72	-4.7%	5.3%	0.4%
Luxembourg	15.86	15.86	15.89	0.0%	0.2%	0.2%
Malta	13.07	13.07	17.90	0.0%	37.0%	37.0%
Netherlands	19.30	18.60	18.90	-3.6%	1.6%	-2.1%
Norway	8.41	8.69	9.74	3.3%	12.1%	15.8%
Poland	14.26	13.85	14.78	-2.9%	6.7%	3.6%
Portugal	12.41	15.03	15.47	21.1%	2.9%	24.7%
Romania	12.09	10.81	11.28	-10.6%	4.3%	-6.7%
Slovakia	14.55	16.54	17.98	13.7%	8.7%	23.6%
Slovenia	12.81	14.12	14.85	10.2%	5.2%	15.9%
Spain	15.91	13.72	13.77	-13.8%	0.4%	-13.5%
Sweden	9.54	11.12	11.88	16.6%	6.8%	24.5%
United Kingdom	14.31	13.03	13.50	-8.9%	3.6%	-5.7%
Euro Area	14.68	15.47	16.37	5.4%	5.8%	11.5%
EU 27	14.14	14.79	15.62	4.6%	5.6%	10.5%

Source: Eurostat

**Table 2 Industrial/Services Electricity Prices in band IB in Europe (S2 2007 to S2 2008)**

Band IB	without VAT (c/kWh)			% change		
	July 07 -	Jan 08 -	July 08 -	S2 '07 - S1	S1 '08 - S2	12 months
	Dec 07	June 08	Dec 08	'08	'08	to S1 '08
Austria	11.76	12.30	12.00	4.6%	-2.4%	2.0%
Belgium	11.85	14.11	14.80	19.1%	4.9%	24.9%
Bulgaria	6.39	6.39	7.31	0.0%	14.4%	14.4%
Croatia	7.93	7.98	10.03	0.6%	25.7%	26.5%
Cyprus	14.89	16.55	19.27	11.1%	16.4%	29.4%
Czech Republic	10.92	13.14	13.47	20.3%	2.5%	23.4%
Germany	12.25	12.52	12.80	2.2%	2.2%	4.5%
Denmark	9.67	9.90	11.00	2.4%	11.1%	13.8%
Estonia	5.75	6.01	6.49	4.5%	8.0%	12.9%
Finland	6.76	7.20	7.59	6.5%	5.4%	12.3%
France	7.38	8.30	7.81	12.5%	-5.9%	5.8%
Greece	9.78	10.52	11.32	7.6%	7.6%	15.7%
Hungary	12.48	13.52	13.68	8.3%	1.2%	9.6%
Ireland	13.85	13.90	15.49	0.4%	11.4%	11.8%
Italy	..	15.33	16.27	..	6.1%	..
Latvia	7.17	7.65	9.08	6.7%	18.7%	26.6%
Lithuania	8.64	9.43	9.51	9.1%	0.8%	10.1%
Luxembourg	11.36	11.36	11.39	0.0%	0.3%	0.3%
Malta	12.89	12.90	17.65	0.1%	36.8%	36.9%
Netherlands	11.10	13.50	13.60	21.6%	0.7%	22.5%
Norway	7.69	7.95	8.68	3.4%	9.2%	12.9%
Poland	10.68	10.33	10.62	-3.3%	2.8%	-0.6%
Portugal	10.83	10.86	10.98	0.3%	1.1%	1.4%
Romania	10.67	10.00	10.81	-6.3%	8.1%	1.3%
Slovakia	12.60	13.68	15.20	8.6%	11.1%	20.6%
Slovenia	11.06	12.31	12.85	11.3%	4.4%	16.2%
Spain	11.61	11.68	12.58	0.6%	7.7%	8.4%
Sweden	7.59	7.98	8.73	5.1%	9.4%	15.0%
United Kingdom	12.09	11.14	11.71	-7.9%	5.1%	-3.1%
Euro Area	10.64	12.00	12.37	12.8%	3.1%	16.3%
EU 27	10.61	11.56	12.00	9.0%	3.8%	13.1%

Source: Eurostat

**Table 3 Industrial/Services Electricity Prices in band IC in Europe (S2 2007 to S2 2008)**

Band IC	without VAT (c/kWh)			% change		
	July 07 - Dec 07	Jan 08 - June 08	July 08 - Dec 08	S2 '07 - S1 '08	S1 '08 - S2 '08	12 months to S1 '08
	Austria	9.40	10.64	10.72	13.2%	0.8%
Belgium	9.49	10.69	10.96	12.6%	2.5%	15.5%
Bulgaria	5.68	5.62	6.49	-1.1%	15.5%	14.3%
Croatia	7.38	7.56	9.47	2.4%	25.3%	28.3%
Cyprus	13.91	14.27	18.07	2.6%	26.6%	29.9%
Czech Republic	9.46	11.07	11.21	17.0%	1.3%	18.5%
Germany	10.13	10.53	10.78	3.9%	2.4%	6.4%
Denmark	8.95	9.13	10.19	2.0%	11.6%	13.9%
Estonia	5.30	5.67	6.01	7.0%	6.0%	13.4%
Finland	5.86	6.40	6.74	9.2%	5.3%	15.0%
France	5.80	6.41	6.15	10.5%	-4.1%	6.0%
Greece	7.89	8.61	9.20	9.1%	6.9%	16.6%
Hungary	11.28	11.42	12.18	1.2%	6.7%	8.0%
Ireland	12.35	13.02	14.19	5.4%	9.0%	14.9%
Italy	..	13.99	14.81	..	5.9%	..
Latvia	5.94	6.60	7.96	11.1%	20.6%	34.0%
Lithuania	7.44	8.29	8.38	11.4%	1.1%	12.6%
Luxembourg	10.31	10.31	10.34	0.0%	0.3%	0.3%
Malta	12.21	12.21	16.19	0.0%	32.6%	32.6%
Netherlands	9.70	9.90	10.20	2.1%	3.0%	5.2%
Norway	7.56	7.84	8.71	3.7%	11.1%	15.2%
Poland	9.05	8.81	9.10	-2.7%	3.3%	0.6%
Portugal	8.68	8.95	9.01	3.1%	0.7%	3.8%
Romania	9.08	8.86	9.50	-2.4%	7.2%	4.6%
Slovakia	10.53	11.51	12.90	9.3%	12.1%	22.5%
Slovenia	9.10	9.32	9.85	2.4%	5.7%	8.2%
Spain	9.58	9.61	10.68	0.3%	11.1%	11.5%
Sweden	6.56	6.93	7.73	5.6%	11.5%	17.8%
United Kingdom	10.78	9.77	10.88	-9.4%	11.4%	0.9%
Euro Area	8.76	10.07	10.45	15.0%	3.8%	19.3%
EU 27	8.91	9.78	10.29	9.8%	5.2%	15.5%

Source: Eurostat

**Table 4 Industrial/Services Electricity Prices in band ID in Europe (S2 2007 to S2 2008)**

Band ID	without VAT (c/kWh)			% change		
	July 07 -	Jan 08 -	July 08 -	S2 '07 - S1	S1 '08 - S2	12 months
	Dec 07	June 08	Dec 08	'08	'08	to S1 '08
Austria	8.12	9.26	9.65	14.0%	4.2%	18.8%
Belgium	8.41	9.34	9.83	11.1%	5.2%	16.9%
Bulgaria	5.06	4.96	5.93	-2.0%	19.6%	17.2%
Croatia	6.29	6.19	8.08	-1.6%	30.5%	28.5%
Cyprus	12.83	13.17	17.16	2.7%	30.3%	33.7%
Czech Republic	7.78	9.25	9.39	18.9%	1.5%	20.7%
Germany	9.02	9.59	9.57	6.3%	-0.2%	6.1%
Denmark	8.77	8.98	10.06	2.4%	12.0%	14.7%
Estonia	4.47	4.83	5.23	8.1%	8.3%	17.0%
Finland	5.61	6.10	6.42	8.7%	5.2%	14.4%
France	5.28	5.74	5.53	8.7%	-3.7%	4.7%
Greece	6.73	7.37	7.98	9.5%	8.3%	18.6%
Hungary	9.93	9.99	10.88	0.6%	8.9%	9.6%
Ireland	10.86	12.01	12.76	10.6%	6.2%	17.5%
Italy	..	12.67	14.02	..	10.7%	..
Latvia	4.99	5.85	7.11	17.2%	21.5%	42.5%
Lithuania	6.27	7.01	7.04	11.8%	0.4%	12.3%
Luxembourg	..	..	..	..	..	..
Malta	9.17	9.18	13.23	0.1%	44.1%	44.3%
Netherlands	8.80	9.60	9.50	9.1%	-1.0%	8.0%
Norway	6.41	6.57	6.78	2.5%	3.2%	5.8%
Poland	6.93	8.34	7.94	20.3%	-4.8%	14.6%
Portugal	7.79	8.07	8.17	3.6%	1.2%	4.9%
Romania	7.90	7.83	7.99	-0.9%	2.0%	1.1%
Slovakia	9.57	10.40	11.71	8.7%	12.6%	22.4%
Slovenia	7.47	7.67	8.03	2.7%	4.7%	7.5%
Spain	8.32	8.38	8.91	0.7%	6.3%	7.1%
Sweden	5.82	6.20	6.86	6.5%	10.6%	17.9%
United Kingdom	9.44	8.80	10.10	-6.8%	14.8%	7.0%
Euro Area	7.79	9.08	9.42	16.6%	3.7%	20.9%
EU 27	7.84	8.82	9.26	12.5%	5.0%	18.1%

Source: Eurostat

Table 5 Industrial/Services Electricity Prices in band IE in Europe (S2 2007 to S2 2008)

Band IE	without VAT (c/kWh)			% change		
	July 07 -	Jan 08 -	July 08 -	S2 '07 - S1	S1 '08 - S2	12 months
	Dec 07	June 08	Dec 08	'08	'08	to S1 '08
Austria	8.06	8.43	9.46	4.6%	12.2%	17.4%
Belgium	7.29	8.06	8.11	10.6%	0.6%	11.2%
Bulgaria	4.29	4.09	5.16	-4.7%	26.2%	20.3%
Croatia	4.65	5.36	5.99	15.3%	11.8%	28.8%
Cyprus	11.21	12.18	15.40	8.7%	26.4%	37.4%
Czech Republic	6.68	8.22	8.37	23.1%	1.8%	25.3%
Germany	8.32	9.00	8.99	8.2%	-0.1%	8.1%
Denmark	8.11	8.35	9.39	3.0%	12.5%	15.8%
Estonia	3.45	3.98	4.37	15.4%	9.8%	26.7%
Finland	4.28	5.28	5.69	23.4%	7.8%	32.9%
France	5.42	6.18	5.89	14.0%	-4.7%	8.7%
Greece	6.06	6.54	7.24	7.9%	10.7%	19.5%
Hungary	8.54	8.88	9.88	4.0%	11.3%	15.7%
Ireland	10.94	11.91	11.50	8.9%	-3.4%	5.1%
Italy	..	11.86	12.48	..	5.2%	..
Latvia	4.47	5.20	6.86	16.3%	31.9%	53.5%
Lithuania	5.48	6.68	6.61	21.9%	-1.0%	20.6%
Luxembourg	..	..	..	..	..	..
Malta	5.81	5.81	..	0.0%	..	..
Netherlands	8.40	8.10	8.90	-3.6%	9.9%	6.0%
Norway	5.33	5.27	6.35	-1.1%	20.5%	19.1%
Poland	5.34	7.39	7.61	38.4%	3.0%	42.5%
Portugal	6.46	6.81	6.94	5.4%	1.9%	7.4%
Romania	6.38	6.99	6.83	9.6%	-2.3%	7.1%
Slovakia	8.52	9.30	9.93	9.2%	6.8%	16.5%
Slovenia	6.48	6.45	6.55	-0.5%	1.6%	1.1%
Spain	6.93	7.13	7.81	2.9%	9.5%	12.7%
Sweden	5.26	5.55	6.20	5.5%	11.7%	17.9%
United Kingdom	8.85	8.53	9.77	-3.6%	14.5%	10.4%
Euro Area	7.12	8.41	8.67	18.1%	3.1%	21.8%
EU 27	7.10	8.16	8.55	14.9%	4.8%	20.4%

Source: Eurostat

**Table 6 Industrial/Services Electricity Prices in band IF in Europe (S2 2007 to S2 2008)**

Band IF	without VAT (c/kWh)			% change		
	July 07 -	Jan 08 -	July 08 -	S2 '07 - S1	S1 '08 - S2	12 months
	Dec 07	June 08	Dec 08	'08	'08	to S1 '08
Austria	7.51	7.63	8.86	1.6%	16.1%	18.0%
Belgium	6.15	7.25	7.42	17.9%	2.3%	20.7%
Bulgaria	3.89	3.53	4.55	-9.3%	28.9%	17.0%
Croatia	4.10	4.13	5.43	0.7%	31.5%	32.4%
Cyprus	11.51	12.23	15.52	6.3%	26.9%	34.8%
Czech Republic	6.68	8.37	8.54	25.3%	2.0%	27.8%
Germany	8.24	8.59	8.53	4.2%	-0.7%	3.5%
Denmark	7.97	8.22	9.26	3.1%	12.7%	16.2%
Estonia	3.45	3.78	3.96	9.6%	4.8%	14.8%
Finland	4.40	5.12	5.62	16.4%	9.8%	27.7%
France	5.04	5.84	5.39	15.9%	-7.7%	6.9%
Greece	5.99	6.49	6.64	8.3%	2.3%	10.9%
Hungary	7.21	7.81	8.97	8.3%	14.9%	24.4%
Ireland	10.26	..	10.04	..	..	-2.1%
Italy	..	11.03	12.01	..	8.9%	..
Latvia	4.30	5.19	6.84	20.7%	31.8%	59.1%
Lithuania	5.56	6.30	..	13.3%	..	..
Luxembourg	..	..	..	..	..	..
Malta	..	..	..	..	..	..
Netherlands	7.90	9.00	8.70	13.9%	-3.3%	10.1%
Norway	3.22	3.57	4.66	10.9%	30.5%	44.7%
Poland	6.12	6.68	7.24	9.2%	8.4%	18.3%
Portugal	5.79	6.05	6.12	4.5%	1.2%	5.7%
Romania	5.72	6.17	5.48	7.9%	-11.2%	-4.2%
Slovakia	7.38	8.47	9.43	14.8%	11.3%	27.8%
Slovenia	6.79	6.45	7.76	-5.0%	20.3%	14.3%
Spain	5.53	5.95	7.25	7.6%	21.8%	31.1%
Sweden	5.13	5.60	6.23	9.2%	11.3%	21.4%
United Kingdom	8.46	8.80	9.94	4.0%	13.0%	17.5%
Euro Area	6.68	7.87	8.22	17.8%	4.4%	23.1%
EU 27	6.74	7.74	8.19	14.8%	5.8%	21.5%

Source: Eurostat

**Table 7 Industrial/Services Electricity Prices in band IG in Europe (S2 2007 to S2 2008)**

Band IG	without VAT (c/kWh)			% change		
	July 07 - Dec 07	Jan 08 - June 08	July 08 - Dec 08	S2 '07 - S1 '08	S1 '08 - S2 '08	12 months to S1 '08
Austria	..	..	8.80	..	..	..
Belgium	..	..	..	..	..	..
Bulgaria	3.58	3.48	4.40	-2.8%	26.4%	22.9%
Croatia	4.65	4.68	5.85	0.6%	25.0%	25.8%
Cyprus	..	..	..	..	..	..
Czech Republic	..	..	..	..	..	..
Germany	..	..	..	..	..	..
Denmark	..	..	..	..	..	..
Estonia	..	..	..	..	..	..
Finland	..	..	..	..	..	..
France	..	..	..	..	..	..
Greece	..	..	..	..	..	..
Hungary	6.70	7.73	8.23	15.4%	6.5%	22.8%
Ireland	..	..	..	..	..	..
Italy	..	10.97	11.30	..	3.0%	..
Latvia	..	..	..	..	..	..
Lithuania	..	..	..	..	..	..
Luxembourg	..	..	..	..	..	..
Malta	..	..	..	..	..	..
Netherlands	7.10	7.90	8.50	11.3%	7.6%	19.7%
Norway	..	..	..	..	..	..
Poland	..	..	7.22	..	..	..
Portugal	..	..	..	..	..	..
Romania	..	..	..	..	..	..
Slovakia	7.86	8.76	9.56	11.5%	9.1%	21.6%
Slovenia	..	..	..	..	..	..
Spain	4.13	4.43	5.14	7.3%	16.0%	24.5%
Sweden	..	..	..	..	..	..
United Kingdom	7.12	7.74	8.62	8.7%	11.4%	21.1%
Euro Area	..	..	..	..	..	..
EU 27	..	..	..	..	..	..

Source: Eurostat

### 3. Gas prices to Business in the EU

**Table 8 Industrial/Services Gas Prices in band I1 in Europe (S2 2007 to S2 2008)**

Band I1	without VAT (€/GJ)			% change		
	July 07 - Dec 07	Jan 08 - June 08	July 08 - Dec 08	S2 '07 - S1 '08	S1 '08 - S2 '08	S2 12 months to S1 '08
Austria	12.37	..	..	..	..	..
Belgium	11.09	12.98	16.20	17.0%	24.8%	46.1%
Bulgaria	5.52	6.24	8.06	13.1%	29.2%	46.0%
Croatia	6.42	6.37	6.41	-0.7%	0.6%	-0.1%
Czech Republic	8.01	10.20	12.31	27.4%	20.7%	53.7%
Germany	12.83	14.04	15.44	9.4%	10.0%	20.3%
Denmark	17.48	..	21.26	..	..	21.7%
Estonia	5.84	7.73	10.34	32.5%	33.7%	77.1%
Finland	..	..	..	..	..	..
France	11.45	10.93	12.62	-4.5%	15.5%	10.2%
Hungary	9.87	12.23	13.57	24.0%	10.9%	37.5%
Ireland	12.57	12.44	15.15	-1.0%	21.8%	20.5%
Italy	11.46	12.08	14.26	5.4%	18.0%	24.4%
Latvia	7.29	8.22	12.86	12.7%	56.5%	76.4%
Lithuania	7.10	8.89	12.92	25.3%	45.3%	82.1%
Luxembourg	10.19	11.58	..	13.6%	..	..
Netherlands	15.08	15.33	16.79	1.7%	9.5%	11.3%
Poland	9.22	9.61	12.30	4.3%	28.0%	33.4%
Portugal	12.74	14.59	13.78	14.5%	-5.5%	8.1%
Romania	7.93	7.69	7.78	-3.0%	1.1%	-1.9%
Slovakia	9.73	10.11	14.05	3.9%	39.0%	44.3%
Slovenia	12.08	12.17	17.04	0.7%	40.0%	41.1%
Spain	8.84	9.20	10.56	4.0%	14.8%	19.4%
Sweden	15.84	17.85	18.37	12.8%	2.9%	16.0%
United Kingdom	10.99	10.93	12.06	-0.6%	10.3%	9.7%
Euro Area	11.80	12.45	14.18	5.5%	13.9%	20.2%
EU 27	11.29	11.90	13.58	5.4%	14.1%	20.3%

Source: Eurostat

Table 9 Industrial/Services Gas Prices in band I2 in Europe (S2 2007 to S2 2008)

Band I2	without VAT (€/GJ)			% change		
	July 07 -	Jan 08 -	July 08 -	S2 '07 - S1	S1 '08 - S2	12 months
	Dec 07	June 08	Dec 08	'08	'08	to S1 '08
Austria	12.18	..	..	..	..	..
Belgium	9.73	10.93	12.84	12.3%	17.5%	32.0%
Bulgaria	5.28	6.03	7.94	14.2%	31.5%	50.2%
Croatia	6.42	6.37	6.41	-0.7%	0.6%	-0.1%
Czech Republic	7.35	9.34	11.40	27.1%	22.1%	55.2%
Germany	11.50	13.39	14.82	16.4%	10.7%	28.9%
Denmark	14.60	..	21.26	..	..	45.6%
Estonia	5.38	7.63	9.60	41.8%	25.8%	78.5%
Finland	..	..	..	..	..	..
France	9.61	10.00	11.40	4.1%	14.0%	18.6%
Hungary	9.13	10.94	13.01	19.8%	19.0%	42.5%
Ireland	10.83	10.88	12.70	0.5%	16.7%	17.3%
Italy	10.84	11.46	12.94	5.7%	12.9%	19.4%
Latvia	8.12	8.16	12.14	0.5%	48.8%	49.5%
Lithuania	6.79	8.80	12.69	29.6%	44.3%	86.9%
Luxembourg	9.95	11.30	..	13.6%	..	..
Netherlands	13.32	13.34	14.96	0.1%	12.1%	12.3%
Poland	8.41	9.13	10.76	8.5%	17.9%	27.9%
Portugal	10.78	11.08	11.08	2.7%	0.0%	2.7%
Romania	7.77	7.57	7.66	-2.7%	1.3%	-1.4%
Slovakia	8.19	9.07	13.33	10.7%	47.0%	62.7%
Slovenia	11.24	11.58	16.57	3.0%	43.1%	47.4%
Spain	7.31	8.03	9.69	9.9%	20.6%	32.5%
Sweden	14.18	15.98	16.44	12.7%	2.9%	16.0%
United Kingdom	8.93	8.89	9.74	-0.4%	9.6%	9.1%
Euro Area	10.54	11.45	12.96	8.7%	13.1%	22.9%
EU 27	10.02	10.82	12.30	8.0%	13.7%	22.8%

Source: Eurostat

Table 10 Industrial/Services Gas Prices in band I3 in Europe (S2 2007 to S2 2008)

Band I3	without VAT (€/GJ)			% change		
	July 07 -	Jan 08 -	July 08 -	S2 '07 - S1	S1 '08 - S2	12 months
	Dec 07	June 08	Dec 08	'08	'08	to S1 '08
Austria	..	..	..	..	..	..
Belgium	7.83	9.15	10.48	16.9%	14.5%	33.8%
Bulgaria	5.02	5.72	7.43	14.0%	30.0%	48.1%
Croatia	6.42	6.37	6.41	-0.7%	0.6%	-0.1%
Czech Republic	6.82	8.87	10.95	30.2%	23.4%	60.6%
Germany	10.79	12.40	13.81	14.9%	11.4%	28.0%
Denmark	7.34	..	16.90	..	..	130.2%
Estonia	5.04	6.97	8.76	38.4%	25.7%	74.0%
Finland	6.80	7.90	9.30	16.2%	17.7%	36.8%
France	8.51	9.23	10.85	8.5%	17.6%	27.5%
Hungary	8.57	9.69	11.71	13.0%	20.9%	36.6%
Ireland	9.72	11.05	10.99	13.7%	-0.5%	13.1%
Italy	8.36	9.34	11.32	11.7%	21.2%	35.4%
Latvia	7.70	7.92	11.01	2.8%	39.0%	42.9%
Lithuania	6.76	8.79	12.14	30.0%	38.2%	79.6%
Luxembourg	9.40	11.30	..	20.2%	..	..
Netherlands	9.10	9.61	10.64	5.7%	10.7%	16.9%
Poland	7.22	8.36	9.33	15.9%	11.6%	29.3%
Portugal	8.20	8.69	9.21	6.0%	6.0%	12.4%
Romania	7.89	7.79	7.76	-1.3%	-0.3%	-1.6%
Slovakia	7.98	8.92	13.12	11.7%	47.2%	64.4%
Slovenia	8.84	10.12	12.66	14.5%	25.1%	43.2%
Spain	7.07	7.64	9.03	8.0%	18.2%	27.7%
Sweden	12.49	14.37	14.72	15.0%	2.4%	17.8%
United Kingdom	7.17	7.73	8.69	7.8%	12.4%	21.1%
Euro Area	8.90	9.95	11.47	11.8%	15.2%	28.9%
EU 27	8.48	9.46	10.96	11.5%	15.8%	29.2%

Source: Eurostat

Table 11 Industrial/Services Gas Prices in band I4 in Europe (S2 2007 to S2 2008)

Band I4	without VAT (€/GJ)			% change		
	July 07 - Dec 07	Jan 08 - June 08	July 08 - Dec 08	S2 '07 - S1 '08	S1 '08 - S2 '08	S2 12 months to S1 '08
	Austria	..	..	..	..	..
Belgium	7.18	8.73	8.36	21.6%	-4.2%	16.4%
Bulgaria	4.57	5.40	6.88	18.2%	27.3%	50.6%
Croatia	..	..	6.41	..	..	..
Czech Republic	6.37	8.23	10.22	29.1%	24.2%	60.4%
Germany	8.68	10.39	11.35	19.7%	9.2%	30.8%
Denmark	6.31	..	16.19	..	..	156.6%
Estonia	4.82	6.37	7.96	32.3%	24.9%	65.3%
Finland	6.70	7.50	8.90	11.9%	18.7%	32.8%
France	7.61	8.23	9.76	8.1%	18.6%	28.2%
Hungary	7.12	7.59	10.42	6.5%	37.3%	46.3%
Ireland	6.91	8.05	9.07	16.5%	12.7%	31.3%
Italy	7.33	8.34	10.22	13.7%	22.6%	39.4%
Latvia	7.40	7.80	10.60	5.4%	35.8%	43.1%
Lithuania	5.88	8.08	10.67	37.4%	32.0%	81.3%
Luxembourg	..	9.80	..	..	..	..
Netherlands	7.84	8.28	9.28	5.6%	12.1%	18.4%
Poland	6.28	7.43	8.29	18.3%	11.6%	32.0%
Portugal	5.84	6.59	7.24	12.9%	9.8%	23.9%
Romania	7.43	6.75	7.27	-9.1%	7.7%	-2.1%
Slovakia	7.40	8.26	12.08	11.7%	46.2%	63.2%
Slovenia	7.58	9.20	11.63	21.4%	26.4%	53.4%
Spain	6.70	7.14	8.44	6.6%	18.3%	26.0%
Sweden	11.15	13.09	12.38	17.4%	-5.4%	11.1%
United Kingdom	6.10	7.29	8.30	19.5%	13.8%	36.0%
Euro Area	7.66	8.73	9.95	13.9%	14.1%	29.9%
EU 27	7.33	8.37	9.67	14.1%	15.6%	31.9%

Source: Eurostat

Table 12 Industrial/Services Gas Prices in band I5 in Europe (S2 2007 to S2 2008)

Band I5	without VAT (€/GJ)			% change		
	July 07 -	Jan 08 -	July 08 -	S2 '07 - S1	S1 '08 - S2	12 months
	Dec 07	June 08	Dec 08	'08	'08	to S1 '08
Austria	..	..	..	..	..	..
Belgium	7.17	8.87	8.28	23.7%	-6.7%	15.5%
Bulgaria	4.50	5.32	6.70	18.3%	25.8%	48.9%
Croatia	..	..	..	..	..	..
Czech Republic	6.15	8.05	10.02	30.9%	24.6%	63.0%
Germany	7.19	8.90	10.12	23.8%	13.7%	40.8%
Denmark	..	..	..	..	..	..
Estonia	4.71	6.25	7.51	32.6%	20.2%	59.4%
Finland	6.20	7.00	8.20	12.9%	17.1%	32.3%
France	7.13	8.15	9.39	14.3%	15.2%	31.7%
Hungary	7.30	7.47	10.15	2.3%	35.9%	39.1%
Ireland	..	..	..	..	..	..
Italy	7.00	8.17	10.11	16.8%	23.8%	44.5%
Latvia	7.23	7.13	9.79	-1.4%	37.3%	35.4%
Lithuania	5.30	7.26	..	37.1%	..	..
Luxembourg	..	..	..	..	..	..
Netherlands	7.34	8.07	8.57	9.9%	6.2%	16.7%
Poland	5.79	6.84	7.49	18.1%	9.5%	29.3%
Portugal	5.45	6.32	7.00	15.9%	10.7%	28.3%
Romania	6.72	6.12	7.13	-9.0%	16.6%	6.1%
Slovakia	7.08	7.96	11.36	12.3%	42.8%	60.4%
Slovenia	..	..	..	..	..	..
Spain	5.54	6.60	7.62	19.3%	15.4%	37.7%
Sweden	..	13.51	..	..	..	..
United Kingdom	5.31	6.85	7.45	29.0%	8.8%	40.3%
Euro Area	..	..	..	..	..	..
EU 27	..	..	..	..	..	..

Source: Eurostat

Table 13 Industrial/Services Gas Prices in band I6 in Europe (S2 2007 to S2 2008)

Band I6	without VAT (€/GJ)			% change		
	July 07 -	Jan 08 -	July 08 -	S2 '07 - S1	S1 '08 - S2	12 months
	Dec 07	June 08	Dec 08	'08	'08	to S1 '08
Austria	..	..	..	..	..	..
Belgium	..	..	..	..	..	..
Bulgaria	..	..	6.56	..	..	..
Croatia	..	..	..	..	..	..
Czech Republic	..	..	..	..	..	..
Germany	..	..	..	..	..	..
Denmark	..	..	..	..	..	..
Estonia	..	..	..	..	..	..
Finland	..	..	..	..	..	..
France	..	..	..	..	..	..
Hungary	6.92	8.07	9.38	16.5%	16.3%	35.6%
Ireland	..	..	..	..	..	..
Italy	6.66	8.04	9.77	20.6%	21.6%	46.7%
Latvia	..	..	..	..	..	..
Lithuania	..	7.26	10.13	..	39.4%	..
Luxembourg	..	..	..	..	..	..
Netherlands	6.48	6.89	8.72	6.3%	26.5%	34.4%
Poland	..	..	..	..	..	..
Portugal	..	..	..	..	..	..
Romania	5.33	5.49	5.16	2.9%	-6.0%	-3.2%
Slovakia	..	..	..	..	..	..
Slovenia	..	..	..	..	..	..
Spain	5.48	6.20	7.60	13.2%	22.6%	38.7%
Sweden	..	..	..	..	..	..
United Kingdom	..	..	..	..	..	..
Euro Area	..	..	..	..	..	..
EU 27	..	..	..	..	..	..

Source: Eurostat

## 4. Electricity prices to Households in the EU

Table 14 Household Electricity Prices in band DA in Europe (S2 2007 to S2 2008)

Band DA	all taxes included (c/kWh)			% change		
	July 07 - Dec 07	Jan 08 - June 08	July 08 - Dec 08	S2 '07 - S1 '08	S1 '08 - S2 '08	12 months to S1 '08
Austria	26.53	26.50	26.49	-0.1%	0.0%	-0.2%
Belgium	24.43	27.85	28.10	14.0%	0.9%	15.0%
Bulgaria	7.41	7.41	8.23	0.0%	11.1%	11.1%
Croatia	18.31	19.67	20.76	7.4%	5.5%	13.4%
Cyprus	16.74	19.21	19.92	14.8%	3.7%	19.0%
Czech Republic	23.41	26.59	27.11	13.6%	2.0%	15.8%
Germany	33.47	34.15	34.80	2.0%	1.9%	4.0%
Denmark	26.76	29.20	30.70	9.1%	5.1%	14.7%
Estonia	8.12	8.38	8.72	3.2%	4.1%	7.4%
Finland	20.38	21.49	22.67	5.4%	5.5%	11.2%
France	23.37	23.37	23.43	0.0%	0.3%	0.3%
Greece	11.87	12.22	10.55	2.9%	-13.7%	-11.1%
Hungary	15.03	16.16	15.89	7.5%	-1.7%	5.7%
Ireland	45.75	44.48	48.78	-2.8%	9.7%	6.6%
Italy	..	26.48	26.96	..	1.8%	..
Latvia	7.29	8.54	10.05	17.1%	17.7%	37.9%
Lithuania	9.59	9.22	9.23	-3.9%	0.1%	-3.8%
Luxembourg	21.75	21.75	22.15	0.0%	1.8%	1.8%
Malta	4.66	4.66	12.67	0.0%	171.9%	171.9%
Netherlands	..	..	..	..	..	..
Norway	36.42	39.29	38.45	7.9%	-2.1%	5.6%
Poland	14.94	17.57	17.37	17.6%	-1.1%	16.3%
Portugal	18.71	33.40	34.16	78.5%	2.3%	82.6%
Romania	10.92	10.73	10.96	-1.7%	2.1%	0.4%
Slovakia	22.41	22.63	25.56	1.0%	12.9%	14.1%
Slovenia	22.88	18.58	19.32	-18.8%	4.0%	-15.6%
Spain	29.66	30.09	31.97	1.4%	6.2%	7.8%
Sweden	29.06	28.70	29.74	-1.2%	3.6%	2.3%
United Kingdom	16.89	16.00	16.77	-5.3%	4.8%	-0.7%
Euro Area	27.17	27.87	28.48	2.6%	2.2%	4.8%
EU 27	24.19	24.97	25.61	3.2%	2.6%	5.9%

Source: Eurostat

Table 15 Household Electricity Prices in band DB in Europe (S2 2007 to S2 2008)

Band DB	all taxes included (c/kWh)			% change		
	July 07 - Dec 07	Jan 08 - June 08	July 08 - Dec 08	S2 '07 - S1 '08	S1 '08 - S2 '08	12 months to S1 '08
Austria	20.08	20.05	20.33	-0.1%	1.4%	1.2%
Belgium	18.67	21.72	23.35	16.3%	7.5%	25.1%
Bulgaria	7.21	7.31	8.08	1.4%	10.5%	12.1%
Croatia	10.93	11.00	12.82	0.6%	16.5%	17.3%
Cyprus	15.55	17.57	19.06	13.0%	8.5%	22.6%
Czech Republic	17.27	19.96	20.35	15.6%	2.0%	17.8%
Germany	23.40	23.89	24.39	2.1%	2.1%	4.2%
Denmark	26.76	29.20	30.70	9.1%	5.1%	14.7%
Estonia	7.99	8.30	8.65	3.9%	4.2%	8.3%
Finland	14.00	14.72	15.30	5.1%	3.9%	9.3%
France	14.15	14.15	14.41	0.0%	1.8%	1.8%
Greece	9.31	9.06	9.35	-2.7%	3.2%	0.4%
Hungary	15.03	16.08	15.85	7.0%	-1.4%	5.5%
Ireland	22.42	20.87	23.69	-6.9%	13.5%	5.7%
Italy	..	15.23	16.26	..	6.8%	..
Latvia	7.29	8.49	10.04	16.5%	18.3%	37.7%
Lithuania	9.01	8.93	8.94	-0.9%	0.1%	-0.8%
Luxembourg	17.60	17.60	17.88	0.0%	1.6%	1.6%
Malta	6.19	6.19	13.22	0.0%	113.6%	113.6%
Netherlands	13.10	13.90	13.90	6.1%	0.0%	6.1%
Norway	22.72	24.66	24.74	8.5%	0.3%	8.9%
Poland	14.08	13.29	14.06	-5.6%	5.8%	-0.1%
Portugal	15.46	16.91	17.42	9.4%	3.0%	12.7%
Romania	11.70	10.75	10.80	-8.1%	0.5%	-7.7%
Slovakia	17.13	16.07	17.84	-6.2%	11.0%	4.1%
Slovenia	13.10	12.96	13.14	-1.1%	1.4%	0.3%
Spain	16.22	15.83	17.98	-2.4%	13.6%	10.9%
Sweden	17.34	18.74	19.49	8.1%	4.0%	12.4%
United Kingdom	16.30	15.36	16.52	-5.8%	7.6%	1.3%
Euro Area	17.43	17.43	18.20	0.0%	4.4%	4.4%
EU 27	16.94	16.97	17.78	0.2%	4.8%	5.0%

Source: Eurostat

Table 16 Household Electricity Prices in band DC in Europe (S2 2007 to S2 2008)

Band DC	all taxes included (c/kWh)			% change		
	July 07 - Dec 07	Jan 08 - June 08	July 08 - Dec 08	S2 '07 - S1 '08	S1 '08 - S2 '08	12 months to S1 '08
Austria	17.40	17.79	17.72	2.2%	-0.4%	1.8%
Belgium	16.83	19.72	20.81	17.2%	5.5%	23.6%
Bulgaria	7.21	7.11	8.23	-1.4%	15.8%	14.1%
Croatia	9.84	9.90	11.84	0.6%	19.6%	20.3%
Cyprus	15.73	17.80	20.40	13.2%	14.6%	29.7%
Czech Republic	10.63	12.74	12.99	19.8%	2.0%	22.2%
Germany	21.05	21.48	21.95	2.0%	2.2%	4.3%
Denmark	24.01	26.35	27.85	9.7%	5.7%	16.0%
Estonia	7.86	8.14	8.50	3.6%	4.4%	8.1%
Finland	11.49	12.23	12.73	6.4%	4.1%	10.8%
France	12.13	12.13	12.32	0.0%	1.6%	1.6%
Greece	9.84	10.47	10.99	6.4%	5.0%	11.7%
Hungary	12.96	15.48	15.53	19.4%	0.3%	19.8%
Ireland	19.18	17.69	20.33	-7.8%	14.9%	6.0%
Italy	..	20.79	21.95	..	5.6%	..
Latvia	7.29	8.42	10.03	15.5%	19.1%	37.6%
Lithuania	8.70	8.60	8.65	-1.1%	0.6%	-0.6%
Luxembourg	15.91	15.91	15.56	0.0%	-2.2%	-2.2%
Malta	9.93	9.93	15.36	0.0%	54.7%	54.7%
Netherlands	17.20	17.30	17.80	0.6%	2.9%	3.5%
Norway	14.98	16.39	17.00	9.4%	3.7%	13.5%
Poland	13.80	12.59	12.95	-8.8%	2.9%	-6.2%
Portugal	15.59	14.80	15.25	-5.1%	3.0%	-2.2%
Romania	11.41	10.61	11.03	-7.0%	4.0%	-3.3%
Slovakia	13.77	13.65	15.27	-0.9%	11.9%	10.9%
Slovenia	11.16	11.47	11.56	2.8%	0.8%	3.6%
Spain	14.00	13.66	15.57	-2.4%	14.0%	11.2%
Sweden	16.13	16.98	17.46	5.3%	2.8%	8.2%
United Kingdom	14.81	14.58	16.03	-1.6%	9.9%	8.2%
Euro Area	15.71	16.54	17.26	5.3%	4.4%	9.9%
EU 27	15.26	15.93	16.73	4.4%	5.0%	9.6%

Source: Eurostat

Table 17 Household Electricity Prices in band DD in Europe (S2 2007 to S2 2008)

Band DD	all taxes included (c/kWh)			% change		
	July 07 - Dec 07	Jan 08 - June 08	July 08 - Dec 08	S2 '07 - S1 '08	S1 '08 - S2 '08	12 months to S1 '08
Austria	16.14	16.38	16.57	1.5%	1.2%	2.7%
Belgium	16.21	17.68	18.67	9.1%	5.6%	15.2%
Bulgaria	7.11	7.06	8.18	-0.7%	15.9%	15.0%
Croatia	9.29	9.22	11.28	-0.8%	22.3%	21.4%
Cyprus	15.78	17.85	21.02	13.1%	17.8%	33.2%
Czech Republic	8.55	10.48	10.68	22.6%	1.9%	24.9%
Germany	19.92	19.88	20.39	-0.2%	2.6%	2.4%
Denmark	21.24	23.44	24.94	10.4%	6.4%	17.4%
Estonia	7.61	7.77	8.27	2.1%	6.4%	8.7%
Finland	9.92	10.58	11.11	6.7%	5.0%	12.0%
France	10.62	10.62	10.79	0.0%	1.6%	1.6%
Greece	12.03	12.45	13.47	3.5%	8.2%	12.0%
Hungary	13.33	15.41	15.30	15.6%	-0.7%	14.8%
Ireland	17.34	15.72	18.44	-9.3%	17.3%	6.3%
Italy	..	22.40	23.93	..	6.8%	..
Latvia	7.20	8.21	10.02	14.0%	22.0%	39.2%
Lithuania	8.27	8.08	8.23	-2.3%	1.9%	-0.5%
Luxembourg	14.69	14.69	14.61	0.0%	-0.5%	-0.5%
Malta	13.09	13.09	18.05	0.0%	37.9%	37.9%
Netherlands	19.40	19.70	19.90	1.5%	1.0%	2.6%
Norway	10.75	11.86	12.77	10.3%	7.7%	18.8%
Poland	10.43	11.14	12.29	6.8%	10.3%	17.8%
Portugal	14.93	13.26	13.66	-11.2%	3.0%	-8.5%
Romania	11.49	10.43	11.03	-9.2%	5.8%	-4.0%
Slovakia	11.04	11.45	13.03	3.7%	13.8%	18.0%
Slovenia	10.21	10.66	10.92	4.4%	2.4%	7.0%
Spain	12.87	12.41	14.86	-3.6%	19.7%	15.5%
Sweden	14.70	14.85	15.12	1.0%	1.8%	2.9%
United Kingdom	13.40	13.55	13.95	1.1%	3.0%	4.1%
Euro Area	14.77	15.69	16.54	6.2%	5.4%	12.0%
EU 27	14.12	14.95	15.70	5.9%	5.0%	11.2%

Source: Eurostat

Table 18 Household Electricity Prices in band DE in Europe (S2 2007 to S2 2008)

Band DE	all taxes included (c/kWh)			% change		
	July 07 - Dec 07	Jan 08 - June 08	July 08 - Dec 08	S2 '07 - S1 '08	S1 '08 - S2 '08	12 months to S1 '08
Austria	14.90	15.14	15.34	1.6%	1.3%	3.0%
Belgium	15.62	15.92	16.70	1.9%	4.9%	6.9%
Bulgaria	7.21	7.06	9.00	-2.1%	27.5%	24.8%
Croatia	8.88	8.80	10.73	-0.9%	21.9%	20.8%
Cyprus	15.88	17.92	21.20	12.8%	18.3%	33.5%
Czech Republic	7.05	9.05	9.22	28.4%	1.9%	30.8%
Germany	19.08	19.07	19.70	-0.1%	3.3%	3.2%
Denmark	21.24	23.44	24.94	10.4%	6.4%	17.4%
Estonia	6.52	6.69	7.42	2.6%	10.9%	13.8%
Finland	8.16	8.89	9.34	8.9%	5.1%	14.5%
France	9.95	9.95	10.79	0.0%	8.4%	8.4%
Greece	14.01	13.60	17.05	-2.9%	25.4%	21.7%
Hungary	10.67	15.89	16.15	48.9%	1.6%	51.4%
Ireland	14.69	13.72	15.91	-6.6%	16.0%	8.3%
Italy	..	23.03	24.09	..	4.6%	..
Latvia	6.96	7.91	10.00	13.6%	26.4%	43.7%
Lithuania	7.85	7.53	7.69	-4.1%	2.1%	-2.0%
Luxembourg	10.49	10.49	11.53	0.0%	9.9%	9.9%
Malta	14.17	14.17	19.72	0.0%	39.2%	39.2%
Netherlands	18.20	18.50	18.70	1.6%	1.1%	2.7%
Norway	9.48	10.50	11.50	10.8%	9.5%	21.3%
Poland	12.84	11.10	11.67	-13.6%	5.1%	-9.1%
Portugal	14.28	12.40	12.69	-13.2%	2.3%	-11.1%
Romania	11.63	10.52	11.30	-9.5%	7.4%	-2.8%
Slovakia	8.49	9.03	10.49	6.4%	16.2%	23.6%
Slovenia	9.58	10.06	10.51	5.0%	4.5%	9.7%
Spain	11.82	11.88	14.00	0.5%	17.8%	18.4%
Sweden	13.11	13.49	13.80	2.9%	2.3%	5.3%
United Kingdom	11.25	13.81	13.22	22.8%	-4.3%	17.5%
Euro Area	13.97	15.07	16.09	7.9%	6.8%	15.2%
EU 27	13.17	14.45	15.18	9.7%	5.1%	15.3%

Source: Eurostat

## 5. Gas prices to Households in the EU

**Table 19 Household Gas Prices in band D1 in Europe (S2 2007 to S2 2008)**

Band D1	all taxes included (€/GJ)			% change		
	July 07 -	Jan 08 -	July 08 -	S2 '07 - S1	S1 '08 - S2	12 months
	Dec 07	June 08	Dec 08	'08	'08	to S1 '08
Austria	20.93	20.28	21.06	-3.1%	3.8%	0.6%
Belgium	21.48	23.88	24.82	11.2%	3.9%	15.5%
Bulgaria	8.51	8.99	11.59	5.6%	28.9%	36.2%
Croatia	7.60	7.59	7.70	-0.2%	1.5%	1.3%
Czech Republic	15.11	18.25	21.02	20.8%	15.2%	39.1%
Germany	25.98	26.22	30.19	0.9%	15.1%	16.2%
Denmark	54.13	..	26.57	..	..	-50.9%
Estonia	10.72	10.89	11.34	1.6%	4.1%	5.8%
France	26.07	25.16	31.23	-3.5%	24.1%	19.8%
Hungary	10.56	11.43	13.71	8.3%	19.9%	29.8%
Ireland	30.13	19.02	19.70	-36.9%	3.6%	-34.6%
Italy	18.99	18.55	23.72	-2.4%	27.9%	24.9%
Latvia	9.23	9.22	19.34	-0.1%	109.8%	109.5%
Lithuania	10.00	14.16	15.16	41.6%	7.1%	51.6%
Luxembourg	17.82	16.75	..	-6.0%	..	..
Netherlands	26.69	27.00	29.13	1.2%	7.9%	9.1%
Poland	14.33	15.38	18.00	7.4%	17.0%	25.6%
Portugal	23.14	22.52	22.48	-2.7%	-0.2%	-2.9%
Romania	9.62	9.25	9.42	-3.9%	1.9%	-2.1%
Slovakia	22.69	24.82	27.24	9.4%	9.8%	20.1%
Slovenia	17.36	18.91	24.88	8.9%	31.6%	43.3%
Spain	19.32	19.65	21.67	1.7%	10.3%	12.2%
Sweden	30.82	30.78	35.52	-0.1%	15.4%	15.3%
United Kingdom	10.74	12.31	14.09	14.7%	14.4%	31.2%
Euro Area	23.88	23.76	27.86	-0.5%	17.3%	16.7%
EU 27	19.78	20.24	23.38	2.3%	15.5%	18.2%

Source: Eurostat

Table 20 Household Gas Prices in band D3 in Europe (S2 2007 to S2 2008)

Band D2	all taxes included (€/GJ)			% change		
	July 07 -	Jan 08 -	July 08 -	S2 '07 - S1	S1 '08 - S2	12 months
	Dec 07	June 08	Dec 08	'08	'08	to S1 '08
Austria	16.95	16.88	17.72	-0.4%	5.0%	4.5%
Belgium	13.89	16.26	17.29	17.1%	6.3%	24.5%
Bulgaria	8.98	9.85	10.86	9.7%	10.3%	21.0%
Croatia	7.60	7.59	7.70	-0.2%	1.5%	1.3%
Czech Republic	10.06	12.20	14.69	21.3%	20.4%	46.0%
Germany	17.04	17.81	21.17	4.5%	18.9%	24.2%
Denmark	36.89	..	26.57	..	..	-28.0%
Estonia	7.30	9.30	10.30	27.3%	10.8%	41.1%
France	14.30	14.46	16.06	1.1%	11.0%	12.3%
Hungary	10.62	11.24	12.93	5.8%	15.0%	21.7%
Ireland	16.85	15.09	18.05	-10.4%	19.6%	7.1%
Italy	17.15	17.47	19.99	1.8%	14.4%	16.5%
Latvia	8.65	8.70	13.88	0.7%	59.5%	60.5%
Lithuania	6.52	9.15	10.63	40.3%	16.2%	63.0%
Luxembourg	10.95	16.75	..	53.0%	..	..
Netherlands	19.14	19.37	21.03	1.2%	8.6%	9.9%
Poland	11.15	11.56	14.30	3.7%	23.7%	28.3%
Portugal	18.13	17.37	17.48	-4.2%	0.6%	-3.6%
Romania	9.51	9.21	9.33	-3.1%	1.3%	-1.9%
Slovakia	11.57	11.42	12.92	-1.3%	13.1%	11.7%
Slovenia	14.14	15.51	19.77	9.7%	27.5%	39.8%
Spain	16.15	15.98	18.14	-1.0%	13.5%	12.3%
Sweden	25.56	26.53	28.82	3.8%	8.7%	12.8%
United Kingdom	9.91	10.99	13.29	10.9%	20.9%	34.1%
Euro Area	16.55	17.07	19.56	3.2%	14.5%	18.2%
EU 27	14.44	15.12	17.40	4.7%	15.1%	20.5%

Source: Eurostat

Table 21 Household Gas Prices in band D3 in Europe (S2 2007 to S2 2008)

Band D3	all taxes included (€/GJ)			% change		
	July 07 -	Jan 08 -	July 08 -	S2 '07 - S1	S1 '08 - S2	12 months
	Dec 07	June 08	Dec 08	'08	'08	to S1 '08
Austria	14.91	14.76	15.63	-1.0%	5.9%	4.8%
Belgium	12.48	15.23	15.40	22.0%	1.1%	23.4%
Bulgaria	9.12	9.98	11.63	9.4%	16.5%	27.5%
Croatia	7.60	7.59	7.70	-0.2%	1.5%	1.3%
Czech Republic	9.87	12.21	14.74	23.8%	20.7%	49.4%
Germany	16.10	16.35	19.34	1.6%	18.3%	20.1%
Denmark	36.89	..	26.57	..	..	-28.0%
Estonia	7.25	9.27	10.04	27.9%	8.3%	38.5%
France	12.68	13.21	14.32	4.2%	8.4%	13.0%
Hungary	10.48	11.09	13.31	5.8%	20.0%	27.0%
Ireland	14.50	14.40	17.19	-0.7%	19.4%	18.6%
Italy	16.97	17.65	17.71	4.0%	0.3%	4.3%
Latvia	8.60	8.66	13.60	0.7%	57.0%	58.0%
Lithuania	5.74	8.91	8.89	55.2%	-0.2%	54.8%
Luxembourg	10.83	12.27	..	13.3%	..	..
Netherlands	18.18	18.55	19.94	2.1%	7.5%	9.7%
Poland	10.22	10.87	12.88	6.4%	18.5%	26.0%
Portugal	14.85	15.60	16.05	5.0%	2.9%	8.1%
Romania	9.32	9.11	9.11	-2.2%	-0.1%	-2.3%
Slovakia	11.42	10.68	12.08	-6.4%	13.1%	5.8%
Slovenia	13.47	14.48	18.64	7.5%	28.7%	38.4%
Spain	13.21	13.31	15.73	0.8%	18.2%	19.1%
Sweden	25.29	25.64	27.91	1.4%	8.8%	10.4%
United Kingdom	8.57	10.81	11.67	26.1%	8.0%	36.1%
Euro Area	15.50	16.01	17.67	3.3%	10.4%	14.0%
EU 27	13.39	14.35	15.74	7.1%	9.7%	17.6%

Source: Eurostat

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## Appendix – Methodologies for Assessing Prices

The International Energy Agency (IEA) are responsible for a major international compilation of energy prices at all market levels: import prices, industry prices and consumer prices. A large portion of the data is drawn from a quarterly reporting system of end-use energy prices initiated in 1981.

While this provides an extensive databank of energy prices, making comparisons between countries is not a trivial task. Definitions for prices shown for a particular energy source used in a given sector may differ from country to country. At one extreme, gasoline prices are closely comparable between countries; at the other extreme, only broad order of magnitude comparisons between coal prices may be possible.

Data collected in Ireland for *IEA's Energy Prices & Taxes* surveys are overall average prices for a given sector and therefore represent an aggregate price for small, medium and large consumers.

Eurostat collects electricity and gas prices under *Council Directive 90/377/EEC* of 29 June 1990 concerning a Community procedure to improve the transparency of gas and electricity prices charged to industrial end-users. This Directive obliges Member States to ensure that undertakings that supply electricity and gas to industrial end-users provide statistical data on an annual basis. Data must be provided to Eurostat on the price and terms of sale of gas and electricity to industrial end-users, the price systems in use and the breakdown of consumers and the corresponding volumes by category of consumption. Sustainable Energy Ireland has responsibility for the collection, collation and reporting of data on Ireland's behalf.

In 2002 Eurostat's Energy Statistics Committee meeting gave the mandate to set up a task force to study improvements in the existing data collection and methodology to take account in particular of market liberalization that changed the context for the methodology applied. *Directive 90/377/EEC* was recast in the interests of clarity and as a result the revised methodology has been applied since 1st January 2008. The electricity and gas price comparisons assessed in sections 3 and 4 of this report are drawn from the first set of results arising from this new methodology.

This new methodology reflects more accurately the actual cost of gas and electricity to final consumers as it incorporates all the factors in the cost of their use. The methodology is comprehensive and transparent and in each customer category, information is sought from each supplier regarding the volume of sales and the associated revenue. This allows computation of a national sales weighted unit price for electricity and gas for each customer category. It facilitates the comparison of costs across the EU but care must be taken in choosing the relevant costs to compare and to allow for currency and purchasing power differences.







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