

Electricity & Gas Prices in Ireland

Annex Household Gas Prices per GJ
1st Semester (January – June) 2016



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Energy Policy Statistical Support Unit

November 2016

Sustainable Energy Ireland

The Sustainable Energy Authority of Ireland has a mission to play a leading role in transforming Ireland into a society based on sustainable energy structures, technologies and practices. To fulfil this mission SEAI aims provide well-timed and informed advice to Government, deliver a range of programmes efficiently and effectively, while engaging and motivating a wide range of stakeholders and showing continuing flexibility and innovation in all activities. SEAI's actions will help advance Ireland to the vanguard of the global green technology movement, so that Ireland is recognised as a pioneer in the move to decarbonised energy systems.

SEAI's key strategic objectives are;

- Energy efficiency first – implementing strong energy efficiency actions that radically reduce energy intensity and usage;
- Low-carbon energy sources – accelerating the development and adoption of technologies to exploit renewable energy sources;
- Innovation and integration – supporting evidence-based responses that engage all actors, supporting innovation and enterprise for our low-carbon future;

The Sustainable Energy Authority of Ireland is financed by Ireland's EU Structural Funds Programme co-funded by the Irish Government and the European Union.

Energy Policy Statistical Support Unit (EPSSU)

SEAI 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 in meeting international reporting obligations, for advising policymakers and informing investment decisions. Based in Cork, EPSSU is SEAI'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.

Table of Contents

1	Introduction	4
2	Gas prices to Householders in the EU (without taxes)	5
3	Gas prices to Households in the EU (without VAT)	8
4	Gas prices to Households in the EU (all taxes incl.)	11
	References	14
	Appendix – Methodologies for Assessing Prices	15

Table of Tables

Table 1	Household Gas Prices in band D1 in Europe (S1 2014 to S1 2016) without taxes	5
Table 2	Household Gas Prices in band D2 in Europe (S1 2014 to S1 2016) without taxes	6
Table 3	Household Gas Prices in band D3 in Europe (S1 2014 to S1 2016) without taxes	7
Table 4	Household Gas Prices in band D1 in Europe (S1 2014 to S1 2016) without VAT	8
Table 5	Household Gas Prices in band D2 in Europe (S1 2014 to S1 2016) without VAT	9
Table 6	Household Gas Prices in band D3 in Europe (S1 2014 to S1 2016) without VAT	10
Table 7	Household Gas Prices in band D1 in Europe (S1 2014 to S1 2016) all taxes included	11
Table 8	Household Gas Prices in band D2 in Europe (S1 2014 to S1 2016) all taxes included	12
Table 9	Household Gas Prices in band D3 in Europe (S1 2014 to S1 2016) all taxes included	13

1 Introduction

The fluctuations in energy prices over the past number of years are a key concern for all energy consumers in Ireland, as they impact on the rate of inflation and on competitiveness. Understanding the key contributing factors and the precise impacts of energy price changes is of key importance in developing appropriate, sensible and measured responses from businesses, householders and policymakers. 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 and competition. This report seeks to inform that analysis and thereby increase the understanding of energy price changes in Ireland.

This report draws on the results of the improved EU methodology for gathering energy price data that came into effect on 1st January 2008. The focus of the report is on the electricity and gas price data gathered under this improved methodology and on the period January – June 2016, i.e. the first semester 2016. Revisions to Eurostat's data have been incorporated into this report. Eurostat data presented in this report are as posted on Eurostat's website¹ on 7 November 2016.

SEAI 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)*² and enabling this analysis to be carried out.

Feedback and comments on the report are welcome and should be addressed by post to the address on the back cover or by e-mail to epssu@seai.ie.

Readers may also be interested in previous statistical analysis related to energy prices carried out by SEAI. The report *Energy in Ireland 1990 – 2015 (2016 Report)* tracks changes in aggregated energy prices from 2000. The report *Energy in Industry 2007* assesses the significance of energy costs as a proportion of the overall cost base for business enterprises, drawing on data from the CSO's *Census of Industrial Production*. Both reports are available from <http://www.seai.ie/Energy-Data-Portal/Energy%20Data%20Publications/>.

1 <http://epp.eurostat.ec.europa.eu/portal/page/portal/energy/data/database>

2 Amending Directive 90/377/EEC with regard to the methodology to be applied for the collection of gas and electricity prices charged to business and household end-users.

2 Gas prices to Householders in the EU (without taxes)

Table 1 Household Gas Prices in band D1 in Europe (S1 2014 to S1 2016) without taxes

Band D1	without taxes (€/GJ)					% change				
	Jan '14 - Jun '14	July '14 - Dec '14	Jan '15 - Jun '15	July '15 - Dec '15	Jan '16 - Jun '16	S1 '14 - S2 '14	S2 '14 - S1 '15	S1 '15 - S2 '15	S2 '15 - S1 '16	12 months to S1 '16
Austria	18.69	18.33	18.33	17.94	17.78	-1.9%	0.0%	-2.1%	-0.9%	-3.0%
Belgium	18.94	20.52	18.17	19.50	15.84	8.3%	-11.5%	7.3%	-18.8%	-12.8%
Bulgaria	11.17	11.96	11.40	10.00	9.01	7.0%	-4.7%	-12.3%	-9.8%	-20.9%
Croatia	10.69	11.94	12.29	12.21	11.43	11.6%	2.9%	-0.6%	-6.4%	-7.0%
Czech Republic	19.63	19.77	20.56	20.89	21.19	0.7%	4.0%	1.6%	1.5%	3.1%
Denmark	10.13	9.44	9.92	9.06	7.95	-6.8%	5.0%	-8.6%	-12.3%	-19.9%
Estonia	12.98	12.10	11.90	8.92	9.90	-6.8%	-1.7%	-25.0%	11.0%	-16.8%
France	30.28	34.69	28.79	33.65	28.58	14.6%	-17.0%	16.9%	-15.1%	-0.7%
Germany	23.59	22.49	23.07	22.42	23.15	-4.7%	2.6%	-2.8%	3.3%	0.3%
Greece	19.18	26.81	18.05	26.83	15.05	39.8%	-32.7%	48.6%	-43.9%	-16.6%
Hungary	8.76	8.25	8.33	8.14	7.73	-5.8%	1.0%	-2.3%	-5.0%	-7.2%
Ireland	17.57	21.01	17.27	20.65	16.83	19.6%	-17.8%	19.6%	-18.5%	-2.5%
Italy	21.03	28.87	19.92	27.33	19.11	37.3%	-31.0%	37.2%	-30.1%	-4.1%
Latvia	16.88	16.61	16.93	16.64	15.55	-1.6%	1.9%	-1.7%	-6.6%	-8.2%
Lithuania	19.26	17.33	17.70	17.13	17.14	-10.0%	2.1%	-3.2%	0.1%	-3.2%
Luxembourg	17.56	15.94	14.70	14.60	12.90	-9.2%	-7.8%	-0.7%	-11.6%	-12.2%
Netherlands	20.59	23.80	18.73	25.17	17.47	15.6%	-21.3%	34.4%	-30.6%	-6.7%
Poland	14.12	14.60	14.64	13.53	12.83	3.5%	0.3%	-7.6%	-5.1%	-12.4%
Portugal	24.27	26.84	25.46	25.36	23.50	10.6%	-5.1%	-0.4%	-7.3%	-7.7%
Romania	4.44	4.31	4.23	5.05	4.96	-3.0%	-1.8%	19.4%	-1.7%	17.3%
Slovakia	23.54	24.02	24.13	24.07	23.41	2.0%	0.5%	-0.2%	-2.7%	-3.0%
Slovenia	17.21	13.63	15.20	14.04	13.95	-20.8%	11.5%	-7.6%	-0.6%	-8.2%
Spain	21.26	27.38	20.53	26.50	19.11	28.8%	-25.0%	29.1%	-27.9%	-6.9%
Sweden	28.93	30.73	29.68	33.51	28.52	6.2%	-3.4%	12.9%	-14.9%	-3.9%
Turkey	7.71	8.68	8.76	8.09	7.85	12.5%	0.9%	-7.6%	-3.0%	-10.3%
United Kingdom	21.11	25.66	22.07	25.86	20.14	21.5%	-14.0%	17.2%	-22.1%	-8.7%
Euro Area	23.27	26.38	22.31	25.65	21.69	13.4%	-15.4%	15.0%	-15.4%	-2.8%
EU 28	21.43	24.52	21.05	24.11	20.13	14.4%	-14.2%	14.5%	-16.5%	-4.4%
Ireland relative to:										
Euro Area	75.5%	79.6%	77.4%	80.5%	77.6%					
EU 28	82.0%	85.7%	82.0%	85.6%	83.6%					

Source: Eurostat

Table 2 Household Gas Prices in band D2 in Europe (S1 2014 to S1 2016) without taxes

Band D2	without taxes (€/GJ)					% change				
	Jan '14 - Jun '14	July '14 - Dec '14	Jan '15 - Jun '15	July '15 - Dec '15	Jan '16 - Jun '16	S1 '14 - S2 '14	S2 '14 - S1 '15	S1 '15 - S2 '15	S2 '15 - S1 '16	12 months to S1 '16
Austria	15.39	15.00	14.97	14.53	14.06	-2.5%	-0.2%	-2.9%	-3.2%	-6.1%
Belgium	14.25	13.93	13.27	13.27	11.53	-2.2%	-4.7%	0.0%	-13.1%	-13.1%
Bulgaria	11.36	11.20	11.05	9.05	8.52	-1.4%	-1.4%	-18.1%	-5.9%	-22.9%
Croatia	10.32	10.56	10.50	10.21	9.52	2.3%	-0.5%	-2.8%	-6.7%	-9.3%
Czech Republic	12.59	12.92	13.18	13.39	13.38	2.6%	2.1%	1.6%	-0.1%	1.5%
Denmark	10.13	9.44	9.92	9.06	7.95	-6.8%	5.0%	-8.6%	-12.3%	-19.9%
Estonia	10.73	10.89	9.95	7.98	9.24	1.5%	-8.6%	-19.8%	15.8%	-7.1%
France	16.14	17.40	15.57	16.17	13.96	7.8%	-10.5%	3.9%	-13.7%	-10.3%
Germany	14.18	14.26	14.13	14.26	13.78	0.6%	-0.9%	0.9%	-3.4%	-2.5%
Greece	16.20	17.98	15.13	16.82	12.28	11.0%	-15.9%	11.2%	-27.0%	-18.8%
Hungary	7.99	7.67	7.72	7.70	7.53	-4.0%	0.7%	-0.3%	-2.2%	-2.5%
Ireland	15.62	17.21	15.43	16.70	14.94	10.2%	-10.3%	8.2%	-10.5%	-3.2%
Italy	14.78	17.40	14.00	16.22	13.16	17.7%	-19.5%	15.9%	-18.9%	-6.0%
Latvia	10.65	10.74	10.90	10.65	9.25	0.8%	1.5%	-2.3%	-13.1%	-15.1%
Lithuania	12.84	11.46	9.71	10.01	9.48	-10.8%	-15.3%	3.1%	-5.3%	-2.4%
Luxembourg	13.29	12.71	12.08	11.50	10.92	-4.4%	-5.0%	-4.8%	-5.0%	-9.6%
Netherlands	12.60	13.32	11.71	12.79	10.41	5.7%	-12.1%	9.2%	-18.6%	-11.1%
Poland	11.05	11.30	11.30	11.25	8.84	2.3%	0.0%	-0.5%	-21.4%	-21.8%
Portugal	19.82	22.27	20.93	21.06	19.38	12.4%	-6.0%	0.6%	-8.0%	-7.4%
Romania	4.44	4.26	4.17	4.98	4.92	-4.1%	-2.0%	19.3%	-1.2%	17.8%
Slovakia	11.75	12.01	11.48	11.45	10.65	2.2%	-4.4%	-0.3%	-7.0%	-7.2%
Slovenia	13.85	12.96	12.55	12.09	11.84	-6.4%	-3.2%	-3.7%	-2.1%	-5.7%
Spain	16.62	21.37	16.14	21.31	14.90	28.6%	-24.5%	32.0%	-30.1%	-7.7%
Sweden	18.11	17.38	16.98	17.93	16.92	-4.0%	-2.3%	5.6%	-5.6%	-0.4%
Turkey	7.47	8.57	8.70	7.98	7.72	14.7%	1.5%	-8.2%	-3.3%	-11.3%
United Kingdom	15.87	17.08	16.81	17.69	14.63	7.7%	-1.6%	5.2%	-17.3%	-13.0%
Euro Area	14.68	15.89	14.17	15.13	13.19	8.2%	-10.8%	6.8%	-12.8%	-6.9%
EU 28	14.33	15.42	14.24	15.08	13.00	7.6%	-7.7%	5.9%	-13.8%	-8.7%
Ireland relative to:										
Euro Area	106.4%	108.3%	108.9%	110.4%	113.3%					
EU 28	109.0%	111.6%	108.4%	110.7%	114.9%					

Source: Eurostat

Table 3 Household Gas Prices in band D3 in Europe (S1 2014 to S1 2016) without taxes

Band D3	without taxes (€/GJ)					% change				
	Jan '14 - Jun '14	July '14 - Dec '14	Jan '15 - Jun '15	July '15 - Dec '15	Jan '16 - Jun '16	S1 '14 - S2 '14	S2 '14 - S1 '15	S1 '15 - S2 '15	S2 '15 - S1 '16	12 months to S1 '16
Austria	13.56	13.25	12.97	12.56	11.94	-2.3%	-2.1%	-3.2%	-4.9%	-7.9%
Belgium	12.66	11.90	11.58	11.00	10.52	-6.0%	-2.7%	-5.0%	-4.4%	-9.2%
Bulgaria	11.64	11.26	11.14	8.98	8.45	-3.3%	-1.1%	-19.4%	-5.9%	-24.1%
Croatia	9.79	9.88	10.05	9.69	9.02	0.9%	1.7%	-3.6%	-7.0%	-10.3%
Czech Republic	12.11	12.23	12.38	12.58	12.48	0.9%	1.3%	1.6%	-0.8%	0.8%
Denmark	10.13	9.44	9.92	9.06	7.95	-6.8%	5.0%	-8.6%	-12.3%	-19.9%
Estonia	10.23	10.06	9.84	7.32	8.58	-1.7%	-2.2%	-25.6%	17.2%	-12.8%
France	14.07	14.17	13.21	12.99	11.72	0.7%	-6.8%	-1.7%	-9.8%	-11.3%
Germany	13.07	13.16	13.13	13.06	12.59	0.7%	-0.2%	-0.5%	-3.6%	-4.1%
Greece	15.59	15.04	14.89	12.39	11.92	-3.5%	-1.0%	-16.8%	-3.8%	-19.9%
Hungary	8.05	7.69	7.67	7.58	7.53	-4.5%	-0.2%	-1.2%	-0.7%	-1.8%
Ireland	14.68	15.46	14.47	14.86	13.87	5.3%	-6.4%	2.7%	-6.7%	-4.1%
Italy	13.29	12.44	12.20	12.11	11.08	-6.4%	-1.9%	-0.7%	-8.5%	-9.2%
Latvia	10.59	10.53	10.87	10.63	9.25	-0.6%	3.2%	-2.2%	-13.0%	-14.9%
Lithuania	10.56	9.38	..	10.01	9.48	-11.1%	-5.3%	..
Luxembourg	13.24	13.04	12.13	11.44	10.96	-1.5%	-7.0%	-5.7%	-4.2%	-9.6%
Netherlands	11.09	11.30	10.33	10.29	8.90	1.9%	-8.6%	-0.4%	-13.5%	-13.8%
Poland	10.84	10.83	11.10	10.78	8.19	-0.1%	2.5%	-2.9%	-24.0%	-26.3%
Portugal	18.36	19.70	20.11	18.98	18.85	7.3%	2.1%	-5.6%	-0.7%	-6.3%
Romania	4.36	4.15	4.06	4.79	4.78	-4.9%	-2.1%	18.1%	-0.2%	17.8%
Slovakia	12.61	12.73	12.23	12.05	11.20	1.0%	-3.9%	-1.5%	-7.1%	-8.4%
Slovenia	12.98	15.15	12.17	11.57	10.73	16.7%	-19.7%	-4.9%	-7.3%	-11.8%
Spain	14.43	15.60	14.11	14.37	12.24	8.1%	-9.6%	1.8%	-14.8%	-13.3%
Sweden	15.78	14.19	14.80	15.15	14.43	-10.1%	4.3%	2.4%	-4.7%	-2.5%
Turkey	7.55	8.65	8.70	7.96	7.70	14.7%	0.5%	-8.5%	-3.2%	-11.4%
United Kingdom	13.88	14.86	15.31	15.47	13.47	7.0%	3.0%	1.0%	-12.9%	-12.0%
Euro Area	13.26	13.14	12.64	12.46	11.52	-0.9%	-3.8%	-1.4%	-7.5%	-8.9%
EU 28	12.92	13.06	12.86	12.78	11.60	1.1%	-1.5%	-0.6%	-9.2%	-9.8%
Ireland relative to:										
Euro Area	110.7%	117.7%	114.5%	119.3%	120.4%					
EU 28	113.6%	118.4%	112.5%	116.3%	119.6%					

Source: Eurostat

3 Gas prices to Households in the EU (without VAT)

Table 4 Household Gas Prices in band D1 in Europe (S1 2014 to S1 2016) without VAT

Band D1	without VAT (€/GJ)					% change				
	Jan '14 - Jun '14	July '14 - Dec '14	Jan '15 - Jun '15	July '15 - Dec '15	Jan '16 - Jun '16	S1 '14 - S2 '14	S2 '14 - S1 '15	S1 '15 - S2 '15	S2 '15 - S1 '16	12 months to S1 '16
Austria	20.89	20.53	20.36	19.92	19.75	-1.7%	-0.8%	-2.2%	-0.9%	-3.0%
Belgium	19.82	21.33	18.24	20.87	17.29	7.6%	-14.5%	14.4%	-17.2%	-5.2%
Bulgaria	11.17	11.96	11.40	10.00	9.01	7.0%	-4.7%	-12.3%	-9.8%	-20.9%
Croatia	10.69	11.94	12.29	12.21	11.43	11.6%	2.9%	-0.6%	-6.4%	-7.0%
Czech Republic	19.63	19.77	20.56	20.89	21.19	0.7%	4.0%	1.6%	1.5%	3.1%
Denmark	20.18	19.51	17.83	16.97	15.93	-3.3%	-8.6%	-4.8%	-6.1%	-10.7%
Estonia	13.61	12.69	12.62	9.59	10.89	-6.8%	-0.6%	-24.0%	13.6%	-13.7%
France	32.24	37.42	31.19	36.85	31.62	16.1%	-16.6%	18.1%	-14.2%	1.4%
Germany	25.92	24.82	25.40	24.75	25.48	-4.2%	2.3%	-2.6%	2.9%	0.3%
Greece	20.76	28.47	19.63	28.54	16.63	37.1%	-31.1%	45.4%	-41.7%	-15.3%
Hungary	8.76	8.25	8.33	8.14	7.73	-5.8%	1.0%	-2.3%	-5.0%	-7.2%
Ireland	18.61	22.04	18.31	21.67	17.86	18.4%	-16.9%	18.4%	-17.6%	-2.5%
Italy	24.07	32.62	22.88	31.21	22.09	35.5%	-29.9%	36.4%	-29.2%	-3.5%
Latvia	17.36	17.09	17.43	17.14	16.03	-1.6%	2.0%	-1.7%	-6.5%	-8.0%
Lithuania	19.26	17.33	17.70	17.13	17.14	-10.0%	2.1%	-3.2%	0.1%	-3.2%
Luxembourg	18.06	16.55	15.15	15.30	13.43	-8.4%	-8.5%	1.0%	-12.2%	-11.4%
Netherlands	26.11	29.32	24.38	30.81	24.95	12.3%	-16.8%	26.4%	-19.0%	2.3%
Poland	14.12	14.60	14.65	13.53	12.83	3.5%	0.3%	-7.6%	-5.1%	-12.4%
Portugal	25.84	28.36	26.75	26.65	24.87	9.8%	-5.7%	-0.4%	-6.7%	-7.0%
Romania	6.96	7.19	7.05	7.73	7.53	3.4%	-2.0%	9.7%	-2.5%	6.9%
Slovakia	23.54	24.02	24.13	24.07	23.41	2.0%	0.5%	-0.2%	-2.7%	-3.0%
Slovenia	18.55	15.09	16.98	15.81	15.76	-18.7%	12.5%	-6.9%	-0.3%	-7.2%
Spain	21.91	28.03	21.18	27.15	19.76	27.9%	-24.4%	28.2%	-27.2%	-6.7%
Sweden	37.14	38.66	37.84	41.65	36.69	4.1%	-2.1%	10.1%	-11.9%	-3.1%
Turkey	7.92	8.89	8.97	8.28	8.04	12.2%	0.9%	-7.6%	-3.0%	-10.4%
United Kingdom	21.11	25.66	22.07	25.86	20.14	21.5%	-14.0%	17.2%	-22.1%	-8.7%
Euro Area	25.82	29.24	24.88	28.67	24.64	13.2%	-14.9%	15.2%	-14.1%	-1.0%
EU 28	23.22	26.53	22.86	26.19	22.18	14.3%	-13.8%	14.6%	-15.3%	-3.0%
Ireland relative to:										
Euro Area	72.1%	75.4%	73.6%	75.6%	72.5%					
EU 28	80.1%	83.1%	80.1%	82.7%	80.5%					

Source: Eurostat

Table 5 Household Gas Prices in band D2 in Europe (S1 2014 to S1 2016) without VAT

Band D2	without VAT (€/GJ)					% change				
	Jan '14 - Jun '14	July '14 - Dec '14	Jan '15 - Jun '15	July '15 - Dec '15	Jan '16 - Jun '16	S1 '14 - S2 '14	S2 '14 - S1 '15	S1 '15 - S2 '15	S2 '15 - S1 '16	12 months to S1 '16
Austria	17.31	16.89	16.89	16.44	15.97	-2.4%	0.0%	-2.7%	-2.9%	-5.4%
Belgium	15.11	14.95	13.43	14.27	12.60	-1.1%	-10.2%	6.3%	-11.7%	-6.2%
Bulgaria	11.36	11.20	11.05	9.05	8.52	-1.4%	-1.4%	-18.1%	-5.9%	-22.9%
Croatia	10.32	10.56	10.50	10.21	9.52	2.3%	-0.5%	-2.8%	-6.7%	-9.3%
Czech Republic	12.59	12.92	13.18	13.39	13.38	2.6%	2.1%	1.6%	-0.1%	1.5%
Denmark	20.18	19.51	17.83	16.97	15.93	-3.3%	-8.6%	-4.8%	-6.1%	-10.7%
Estonia	11.38	11.42	10.56	8.90	10.23	0.4%	-7.5%	-15.7%	14.9%	-3.1%
France	16.59	18.19	16.60	17.47	15.44	9.6%	-8.7%	5.2%	-11.6%	-7.0%
Germany	15.83	15.91	15.78	15.91	15.43	0.5%	-0.8%	0.8%	-3.0%	-2.2%
Greece	17.79	19.62	16.76	18.45	13.88	10.3%	-14.6%	10.1%	-24.8%	-17.2%
Hungary	7.99	7.67	7.72	7.70	7.53	-4.0%	0.7%	-0.3%	-2.2%	-2.5%
Ireland	16.67	18.24	16.48	17.72	15.96	9.4%	-9.6%	7.5%	-9.9%	-3.2%
Italy	19.04	22.02	18.28	20.93	17.42	15.7%	-17.0%	14.5%	-16.8%	-4.7%
Latvia	11.12	11.21	11.38	11.13	9.73	0.8%	1.5%	-2.2%	-12.6%	-14.5%
Lithuania	12.84	11.46	9.71	10.01	9.48	-10.8%	-15.3%	3.1%	-5.3%	-2.4%
Luxembourg	13.83	13.34	12.61	12.28	11.55	-3.5%	-5.5%	-2.6%	-5.9%	-8.4%
Netherlands	18.11	18.83	17.36	18.43	17.89	4.0%	-7.8%	6.2%	-2.9%	3.1%
Poland	11.05	11.30	11.31	11.26	8.84	2.3%	0.0%	-0.5%	-21.4%	-21.8%
Portugal	21.06	23.47	22.04	22.18	20.61	11.4%	-6.1%	0.6%	-7.1%	-6.5%
Romania	6.92	7.14	6.98	7.62	7.45	3.2%	-2.3%	9.2%	-2.2%	6.8%
Slovakia	11.75	12.01	11.48	11.45	10.65	2.2%	-4.4%	-0.3%	-7.0%	-7.2%
Slovenia	15.19	14.43	14.32	13.86	13.65	-5.0%	-0.8%	-3.2%	-1.5%	-4.7%
Spain	17.27	22.02	16.79	21.96	15.55	27.5%	-23.8%	30.8%	-29.2%	-7.4%
Sweden	26.32	25.30	25.15	26.07	25.08	-3.9%	-0.6%	3.7%	-3.8%	-0.2%
Turkey	7.67	8.78	8.91	8.17	7.90	14.5%	1.4%	-8.3%	-3.3%	-11.3%
United Kingdom	15.87	17.08	16.81	17.69	14.63	7.7%	-1.6%	5.2%	-17.3%	-13.0%
Euro Area	17.05	18.43	16.63	17.79	15.97	8.1%	-9.8%	7.0%	-10.2%	-4.0%
EU 28	16.01	17.20	15.96	16.94	14.93	7.4%	-7.2%	6.1%	-11.9%	-6.5%
Ireland relative to:										
Euro Area	97.8%	99.0%	99.1%	99.6%	99.9%					
EU 28	104.1%	106.0%	103.3%	104.6%	106.9%					

Source: Eurostat

Table 6 Household Gas Prices in band D3 in Europe (S1 2014 to S1 2016) without VAT

Band D3	without VAT (€/GJ)					% change				
	Jan '14 - Jun '14	July '14 - Dec '14	Jan '15 - Jun '15	July '15 - Dec '15	Jan '16 - Jun '16	S1 '14 - S2 '14	S2 '14 - S1 '15	S1 '15 - S2 '15	S2 '15 - S1 '16	12 months to S1 '16
Austria	15.39	15.06	14.86	14.44	13.81	-2.1%	-1.3%	-2.8%	-4.4%	-7.1%
Belgium	13.43	12.91	11.92	11.83	11.42	-3.9%	-7.7%	-0.8%	-3.5%	-4.2%
Bulgaria	11.64	11.26	11.14	8.98	8.45	-3.3%	-1.1%	-19.4%	-5.9%	-24.1%
Croatia	9.79	9.88	10.05	9.69	9.02	0.9%	1.7%	-3.6%	-7.0%	-10.3%
Czech Republic	12.11	12.23	12.38	12.58	12.48	0.9%	1.3%	1.6%	-0.8%	0.8%
Denmark	20.18	19.51	17.83	16.97	15.93	-3.3%	-8.6%	-4.8%	-6.1%	-10.7%
Estonia	10.81	10.44	10.52	7.99	9.57	-3.4%	0.8%	-24.0%	19.8%	-9.0%
France	14.22	14.55	13.89	13.80	12.80	2.3%	-4.5%	-0.6%	-7.2%	-7.8%
Germany	14.72	14.81	14.78	14.71	14.24	0.6%	-0.2%	-0.5%	-3.2%	-3.7%
Greece	17.18	16.69	16.57	14.02	13.56	-2.9%	-0.7%	-15.4%	-3.3%	-18.2%
Hungary	8.05	7.69	7.67	7.58	7.53	-4.5%	-0.2%	-1.2%	-0.7%	-1.8%
Ireland	15.72	16.49	15.51	15.89	14.90	4.9%	-5.9%	2.5%	-6.2%	-3.9%
Italy	18.25	17.45	17.13	17.23	16.05	-4.4%	-1.8%	0.6%	-6.8%	-6.3%
Latvia	11.06	10.99	11.36	11.12	9.73	-0.6%	3.4%	-2.1%	-12.5%	-14.3%
Lithuania	10.56	9.38	..	10.01	9.48	-11.1%	-5.3%	..
Luxembourg	13.81	13.63	12.67	12.30	11.61	-1.3%	-7.0%	-2.9%	-5.6%	-8.4%
Netherlands	16.61	16.81	15.98	15.94	16.37	1.2%	-4.9%	-0.3%	2.7%	2.4%
Poland	10.84	10.83	11.20	10.88	8.27	-0.1%	3.4%	-2.8%	-24.0%	-26.1%
Portugal	19.48	20.86	21.31	20.11	20.07	7.1%	2.2%	-5.6%	-0.2%	-5.8%
Romania	6.76	6.87	6.71	7.18	7.10	1.6%	-2.4%	7.0%	-1.1%	5.8%
Slovakia	12.61	12.73	12.23	12.05	11.20	1.0%	-3.9%	-1.5%	-7.1%	-8.4%
Slovenia	14.32	16.61	13.95	13.35	12.54	16.0%	-16.0%	-4.3%	-6.1%	-10.1%
Spain	15.08	16.25	14.76	15.02	12.89	7.8%	-9.2%	1.8%	-14.2%	-12.7%
Sweden	23.99	22.12	22.97	23.29	22.60	-7.8%	3.8%	1.4%	-3.0%	-1.6%
Turkey	7.75	8.86	8.91	8.15	7.89	14.4%	0.5%	-8.5%	-3.2%	-11.5%
United Kingdom	13.88	14.86	15.31	15.47	13.47	7.0%	3.0%	1.0%	-12.9%	-12.0%
Euro Area	15.75	15.70	15.21	15.13	14.39	-0.3%	-3.1%	-0.5%	-4.9%	-5.4%
EU 28	14.67	14.86	14.66	14.63	13.59	1.3%	-1.3%	-0.2%	-7.1%	-7.3%
Ireland relative to:										
Euro Area	99.8%	105.0%	102.0%	105.0%	103.5%					
EU 28	107.2%	111.0%	105.8%	108.6%	109.6%					

Source: Eurostat

4 Gas prices to Households in the EU (all taxes incl.)

Table 7 Household Gas Prices in band D1 in Europe (S1 2014 to S1 2016) all taxes included

Band D1	all taxes included (€/GJ)					% change				
	Jan '14 - Jun '14	July '14 - Dec '14	Jan '15 - Jun '15	July '15 - Dec '15	Jan '16 - Jun '16	S1 '14 - S2 '14	S2 '14 - S1 '15	S1 '15 - S2 '15	S2 '15 - S1 '16	12 months to S1 '16
Austria	25.05	24.64	24.42	23.92	23.72	-1.6%	-0.9%	-2.0%	-0.8%	-2.9%
Belgium	23.96	25.80	22.05	25.21	20.87	7.7%	-14.5%	14.3%	-17.2%	-5.4%
Bulgaria	13.41	14.35	13.67	12.00	10.82	7.1%	-4.7%	-12.3%	-9.8%	-20.9%
Croatia	13.37	14.93	15.36	15.27	14.28	11.6%	2.9%	-0.6%	-6.4%	-7.0%
Czech Republic	23.75	23.92	24.87	25.27	25.64	0.7%	4.0%	1.6%	1.5%	3.1%
Denmark	25.22	24.38	22.29	21.22	19.92	-3.3%	-8.6%	-4.8%	-6.1%	-10.7%
Estonia	16.33	15.23	15.15	11.51	13.07	-6.7%	-0.5%	-24.0%	13.6%	-13.7%
France	36.57	42.01	35.37	41.30	35.61	14.9%	-15.8%	16.8%	-13.8%	0.7%
Germany	30.85	29.54	30.22	29.45	30.32	-4.2%	2.3%	-2.5%	3.0%	0.3%
Greece	23.44	32.15	22.17	32.23	18.78	37.2%	-31.0%	45.4%	-41.7%	-15.3%
Hungary	11.12	10.48	10.58	10.34	9.82	-5.8%	1.0%	-2.3%	-5.0%	-7.2%
Ireland	21.12	25.01	20.79	24.60	20.27	18.4%	-16.9%	18.3%	-17.6%	-2.5%
Italy	27.64	38.05	26.22	36.39	25.38	37.7%	-31.1%	38.8%	-30.3%	-3.2%
Latvia	21.00	20.67	21.09	20.75	19.40	-1.6%	2.0%	-1.6%	-6.5%	-8.0%
Lithuania	23.31	20.97	21.42	20.73	20.74	-10.0%	2.1%	-3.2%	0.0%	-3.2%
Luxembourg	19.23	17.67	16.47	16.63	14.60	-8.1%	-6.8%	1.0%	-12.2%	-11.4%
Netherlands	31.59	35.48	29.50	37.29	30.19	12.3%	-16.9%	26.4%	-19.0%	2.3%
Poland	17.36	17.96	18.01	16.64	15.79	3.5%	0.3%	-7.6%	-5.1%	-12.4%
Portugal	31.68	34.88	32.90	32.78	30.59	10.1%	-5.7%	-0.4%	-6.7%	-7.0%
Romania	8.63	8.92	8.74	9.59	9.34	3.4%	-2.0%	9.7%	-2.5%	6.9%
Slovakia	28.25	28.82	28.95	28.88	28.09	2.0%	0.5%	-0.2%	-2.7%	-3.0%
Slovenia	22.64	18.42	20.71	19.29	19.22	-18.6%	12.4%	-6.9%	-0.4%	-7.2%
Spain	26.51	33.92	25.63	32.85	23.91	28.0%	-24.4%	28.2%	-27.2%	-6.7%
Sweden	46.42	48.32	47.30	52.06	45.86	4.1%	-2.1%	10.1%	-11.9%	-3.1%
Turkey	9.34	10.49	10.58	9.77	9.48	12.3%	0.9%	-7.6%	-3.0%	-10.4%
United Kingdom	22.16	26.94	23.18	27.15	21.15	21.6%	-14.0%	17.1%	-22.1%	-8.7%
Euro Area	30.24	34.25	29.13	33.57	28.82	13.3%	-14.9%	15.2%	-14.1%	-1.1%
EU 28	26.67	30.42	26.21	30.01	25.45	14.1%	-13.8%	14.5%	-15.2%	-2.9%
Ireland relative to:										
Euro Area	69.8%	73.0%	71.4%	73.3%	70.3%					
EU 28	79.2%	82.2%	79.3%	82.0%	79.6%					

Source: Eurostat

Table 8 Household Gas Prices in band D2 in Europe (S1 2014 to S1 2016) all taxes included

Band D2	all taxes included (€/GJ)					% change				
	Jan '14 - Jun '14	July '14 - Dec '14	Jan '15 - Jun '15	July '15 - Dec '15	Jan '16 - Jun '16	S1 '14 - S2 '14	S2 '14 - S1 '15	S1 '15 - S2 '15	S2 '15 - S1 '16	12 months to S1 '16
Austria	20.78	20.28	20.28	19.75	19.17	-2.4%	0.0%	-2.6%	-2.9%	-5.5%
Belgium	18.27	18.06	16.23	17.24	15.19	-1.1%	-10.1%	6.2%	-11.9%	-6.4%
Bulgaria	13.63	13.44	13.26	10.86	10.23	-1.4%	-1.4%	-18.1%	-5.8%	-22.9%
Croatia	12.90	13.20	13.13	12.76	11.90	2.3%	-0.5%	-2.8%	-6.7%	-9.3%
Czech Republic	15.23	15.63	15.95	16.21	16.19	2.6%	2.1%	1.6%	-0.1%	1.5%
Denmark	25.22	24.38	22.29	21.22	19.92	-3.3%	-8.6%	-4.8%	-6.1%	-10.7%
Estonia	13.64	13.71	12.67	10.68	12.28	0.5%	-7.6%	-15.7%	15.0%	-3.1%
France	19.47	21.16	19.46	20.35	18.05	8.7%	-8.0%	4.6%	-11.3%	-7.2%
Germany	18.84	18.93	18.78	18.93	18.36	0.5%	-0.8%	0.8%	-3.0%	-2.2%
Greece	20.09	22.16	18.92	20.83	15.68	10.3%	-14.6%	10.1%	-24.7%	-17.1%
Hungary	10.15	9.74	9.80	9.78	9.56	-4.0%	0.7%	-0.3%	-2.2%	-2.5%
Ireland	18.92	20.70	18.70	20.11	18.12	9.4%	-9.7%	7.5%	-9.9%	-3.1%
Italy	22.14	26.41	21.27	25.13	20.32	19.3%	-19.5%	18.1%	-19.1%	-4.5%
Latvia	13.45	13.56	13.77	13.47	11.78	0.8%	1.5%	-2.2%	-12.5%	-14.5%
Lithuania	15.54	13.87	11.75	12.12	11.47	-10.8%	-15.3%	3.1%	-5.4%	-2.4%
Luxembourg	14.78	14.27	13.77	13.40	12.62	-3.5%	-3.5%	-2.7%	-5.8%	-8.4%
Netherlands	21.91	22.79	21.00	22.30	21.65	4.0%	-7.9%	6.2%	-2.9%	3.1%
Poland	13.59	13.90	13.91	13.84	10.88	2.3%	0.1%	-0.5%	-21.4%	-21.8%
Portugal	25.96	28.87	27.11	27.28	25.35	11.2%	-6.1%	0.6%	-7.1%	-6.5%
Romania	8.58	8.85	8.65	9.45	9.24	3.2%	-2.3%	9.2%	-2.2%	6.8%
Slovakia	14.10	14.42	13.78	13.74	12.78	2.3%	-4.4%	-0.3%	-7.0%	-7.3%
Slovenia	18.54	17.61	17.48	16.91	16.65	-5.0%	-0.7%	-3.3%	-1.5%	-4.7%
Spain	20.90	26.64	20.32	26.57	18.82	27.5%	-23.7%	30.8%	-29.2%	-7.4%
Sweden	32.90	31.63	31.43	32.58	31.35	-3.9%	-0.6%	3.7%	-3.8%	-0.2%
Turkey	9.05	10.36	10.51	9.64	9.33	14.5%	1.4%	-8.3%	-3.3%	-11.3%
United Kingdom	16.66	17.94	17.65	18.56	15.36	7.7%	-1.7%	5.2%	-17.2%	-12.9%
Euro Area	20.18	21.96	19.67	21.21	18.90	8.8%	-10.4%	7.8%	-10.9%	-3.9%
EU 28	18.50	19.97	18.41	19.64	17.26	7.9%	-7.8%	6.7%	-12.1%	-6.2%
Ireland relative to:										
Euro Area	93.8%	94.3%	95.1%	94.8%	95.9%					
EU 28	102.3%	103.7%	101.6%	102.4%	105.0%					

Source: Eurostat

Table 9 Household Gas Prices in band D3 in Europe (S1 2014 to S1 2016) all taxes included

Band D3	all taxes included (€/GJ)					% change				
	Jan '14 - Jun '14	July '14 - Dec '14	Jan '15 - Jun '15	July '15 - Dec '15	Jan '16 - Jun '16	S1 '14 - S2 '14	S2 '14 - S1 '15	S1 '15 - S2 '15	S2 '15 - S1 '16	12 months to S1 '16
Austria	18.47	18.08	17.83	17.33	16.58	-2.1%	-1.4%	-2.8%	-4.3%	-7.0%
Belgium	16.22	15.58	14.42	14.32	13.72	-3.9%	-7.4%	-0.7%	-4.2%	-4.9%
Bulgaria	13.97	13.52	13.37	10.77	10.14	-3.3%	-1.1%	-19.4%	-5.8%	-24.1%
Croatia	12.24	12.35	12.56	12.11	11.27	0.9%	1.8%	-3.6%	-6.9%	-10.3%
Czech Republic	14.66	14.80	14.98	15.22	15.10	0.9%	1.3%	1.6%	-0.8%	0.8%
Denmark	25.22	24.38	22.29	21.22	19.92	-3.3%	-8.6%	-4.8%	-6.1%	-10.7%
Estonia	12.97	12.53	12.41	9.59	11.48	-3.4%	-1.0%	-22.7%	19.7%	-7.5%
France	16.93	17.25	16.54	16.36	15.24	1.9%	-4.1%	-1.1%	-6.8%	-7.9%
Germany	17.52	17.62	17.59	17.50	16.95	0.6%	-0.2%	-0.5%	-3.1%	-3.6%
Greece	19.41	18.84	18.71	15.83	15.31	-2.9%	-0.7%	-15.4%	-3.3%	-18.2%
Hungary	10.23	9.77	9.74	9.63	9.56	-4.5%	-0.2%	-1.2%	-0.7%	-1.8%
Ireland	17.84	18.72	17.61	18.04	16.91	4.9%	-5.9%	2.4%	-6.3%	-4.0%
Italy	22.12	21.29	20.84	20.96	19.49	-3.8%	-2.1%	0.6%	-7.0%	-6.5%
Latvia	13.38	13.30	13.74	13.45	11.77	-0.6%	3.3%	-2.1%	-12.5%	-14.3%
Lithuania	12.77	11.35	..	12.12	11.47	-11.1%	-5.4%	..
Luxembourg	14.79	14.57	13.84	13.44	12.70	-1.5%	-5.0%	-2.9%	-5.5%	-8.2%
Netherlands	20.10	20.35	19.33	19.29	19.81	1.2%	-5.0%	-0.2%	2.7%	2.5%
Poland	13.34	13.32	13.77	13.38	10.18	-0.1%	3.4%	-2.8%	-24.0%	-26.1%
Portugal	25.46	25.65	26.21	24.74	24.69	0.7%	2.2%	-5.6%	-0.2%	-5.8%
Romania	8.38	8.52	8.32	8.90	8.80	1.7%	-2.4%	7.0%	-1.1%	5.8%
Slovakia	15.13	15.28	14.68	14.46	13.44	1.0%	-3.9%	-1.5%	-7.1%	-8.4%
Slovenia	17.47	20.27	17.01	16.28	15.30	16.0%	-16.1%	-4.3%	-6.0%	-10.1%
Spain	18.25	19.66	17.86	18.17	15.60	7.7%	-9.2%	1.7%	-14.1%	-12.7%
Sweden	29.99	27.64	28.71	29.12	28.24	-7.8%	3.8%	1.4%	-3.0%	-1.6%
Turkey	9.14	10.46	10.52	9.62	9.31	14.4%	0.5%	-8.5%	-3.2%	-11.5%
United Kingdom	14.57	15.59	16.09	16.24	14.15	7.0%	3.2%	1.0%	-12.9%	-12.0%
Euro Area	18.91	18.86	18.27	18.16	17.28	-0.3%	-3.1%	-0.6%	-4.8%	-5.4%
EU 28	17.15	17.35	17.09	17.05	15.86	1.2%	-1.5%	-0.2%	-7.0%	-7.2%
Ireland relative to:										
Euro Area	94.3%	99.3%	96.4%	99.3%	97.9%					
EU 28	104.0%	107.9%	103.0%	105.8%	106.6%					

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 business end-users. This Directive obliges Member States to ensure that undertakings that supply electricity and gas to business 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 business end-users, the price systems in use and the breakdown of consumers and the corresponding volumes by category of consumption. The 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, *European Commission Decision (2007/394/EC)*, 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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*The Sustainable Energy Authority of Ireland is partly financed
by Ireland's EU Structural Funds Programme co-funded
by the Irish Government and the European Union*