

Electricity & Gas Prices in Ireland

Annex Household Electricity Prices per kWh
1st Semester (January – June) 2016



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Energy Policy Statistical Support Unit

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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.

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.

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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 Electricity prices to Households in the EU (without taxes)

Table 1 Household Electricity Prices in band DA in Europe (S1 2014 to S1 2016) without taxes

Band DA	without taxes (c/kWh)					% 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	20.62	20.64	20.42	21.04	-0.8%	0.1%	-1.1%	3.0%	1.9%
Belgium	21.86	22.43	22.96	24.50	25.19	2.6%	2.4%	6.7%	2.8%	9.7%
Bulgaria	7.09	7.62	8.07	8.13	8.15	7.5%	5.9%	0.7%	0.2%	1.0%
Croatia	17.83	16.28	16.79	15.91	17.66	-8.7%	3.1%	-5.2%	11.0%	5.2%
Cyprus	21.48	21.16	18.05	16.60	14.18	-1.5%	-14.7%	-8.0%	-14.6%	-21.4%
Czech Republic	21.28	21.14	21.20	21.54	21.97	-0.7%	0.3%	1.6%	2.0%	3.6%
Denmark	12.64	12.33	12.07	11.67	15.46	-2.5%	-2.1%	-3.3%	32.5%	28.1%
Estonia	10.00	10.23	9.88	9.72	9.55	2.3%	-3.4%	-1.6%	-1.7%	-3.3%
Finland	22.03	22.20	22.25	22.07	22.68	0.8%	0.2%	-0.8%	2.8%	1.9%
France	21.07	20.87	21.43	21.99	21.58	-0.9%	2.7%	2.6%	-1.9%	0.7%
Germany	25.63	25.76	26.11	26.09	26.59	0.5%	1.4%	-0.1%	1.9%	1.8%
Greece	17.13	15.26	20.09	16.68	19.86	-10.9%	31.7%	-17.0%	19.1%	-1.1%
Hungary	10.78	10.45	10.08	10.15	9.94	-3.1%	-3.5%	0.7%	-2.1%	-1.4%
Ireland	48.82	49.20	49.06	34.99	30.16	0.8%	-0.3%	-28.7%	-13.8%	-38.5%
Italy	20.85	20.55	20.75	20.02	21.90	-1.4%	1.0%	-3.5%	9.4%	5.5%
Latvia	6.94	6.97	9.73	10.94	10.66	0.4%	39.6%	12.4%	-2.6%	9.6%
Lithuania	9.23	9.13	8.99	8.90	8.84	-1.1%	-1.5%	-1.0%	-0.7%	-1.7%
Luxembourg	20.15	20.15	19.15	19.15	19.11	0.0%	-5.0%	0.0%	-0.2%	-0.2%
Malta	36.97	35.04	35.60	35.28	33.54	-5.2%	1.6%	-0.9%	-4.9%	-5.8%
Netherlands	37.29	37.76	36.03	36.10	35.69	1.3%	-4.6%	0.2%	-1.1%	-0.9%
Norway	31.50	31.25	30.75	28.04	28.14	-0.8%	-1.6%	-8.8%	0.4%	-8.5%
Poland	14.52	14.11	14.44	14.08	12.56	-2.8%	2.3%	-2.5%	-10.8%	-13.0%
Portugal	22.18	21.92	18.22	18.67	18.71	-1.2%	-16.9%	2.5%	0.2%	2.7%
Romania	9.43	9.48	9.78	9.74	9.50	0.5%	3.2%	-0.4%	-2.5%	-2.9%
Slovakia	19.59	20.07	20.07	20.65	17.63	2.5%	0.0%	2.9%	-14.6%	-12.2%
Slovenia	16.00	13.89	11.72	11.58	11.71	-13.2%	-15.6%	-1.2%	1.1%	-0.1%
Spain	37.42	36.67	39.88	41.63	41.00	-2.0%	8.8%	4.4%	-1.5%	2.8%
Sweden	25.34	25.47	24.29	24.58	26.16	0.5%	-4.6%	1.2%	6.4%	7.7%
Turkey	9.56	10.46	10.82	9.75	10.20	9.4%	3.4%	-9.9%	4.6%	-5.7%
United Kingdom	22.89	23.83	24.43	25.41	23.62	4.1%	2.5%	4.0%	-7.0%	-3.3%
Euro Area	24.67	24.42	25.07	25.13	25.81	-1.0%	2.7%	0.2%	2.7%	3.0%
EU 28	23.15	23.09	23.65	23.81	24.09	-0.3%	2.4%	0.7%	1.2%	1.9%
Ireland relative to:										
Euro Area	197.9%	201.5%	195.7%	139.2%	116.9%					
EU 28	210.9%	213.1%	207.4%	147.0%	125.2%					

Source: Eurostat

Table 2 Household Electricity Prices in band DB in Europe (S1 2014 to S1 2016) without taxes

Band DB	without taxes (c/kWh)					% 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	15.28	15.03	14.64	14.42	14.63	-1.6%	-2.6%	-1.5%	1.5%	-0.1%
Belgium	18.12	18.14	19.38	19.91	17.73	0.1%	6.8%	2.7%	-10.9%	-8.5%
Bulgaria	6.98	7.51	7.95	8.01	8.02	7.6%	5.9%	0.8%	0.1%	0.9%
Croatia	10.98	10.97	10.99	10.84	10.91	-0.1%	0.2%	-1.4%	0.6%	-0.7%
Cyprus	18.57	19.04	15.59	14.50	11.81	2.5%	-18.1%	-7.0%	-18.6%	-24.2%
Czech Republic	15.12	15.02	15.02	15.26	15.46	-0.7%	0.0%	1.6%	1.3%	2.9%
Denmark	12.64	12.33	12.07	11.67	11.43	-2.5%	-2.1%	-3.3%	-2.1%	-5.3%
Estonia	9.91	10.07	9.81	9.89	9.61	1.6%	-2.6%	0.8%	-2.8%	-2.0%
Finland	14.35	14.26	14.04	13.90	14.19	-0.6%	-1.5%	-1.0%	2.1%	1.1%
France	12.36	12.68	12.55	12.82	12.52	2.6%	-1.0%	2.2%	-2.3%	-0.2%
Germany	16.47	16.47	16.47	16.42	16.20	0.0%	0.0%	-0.3%	-1.3%	-1.6%
Greece	11.55	12.16	12.73	12.75	12.57	5.3%	4.7%	0.2%	-1.4%	-1.3%
Hungary	9.84	9.38	9.19	9.34	9.09	-4.7%	-2.0%	1.6%	-2.7%	-1.1%
Ireland	24.10	25.36	23.89	23.71	22.02	5.2%	-5.8%	-0.8%	-7.1%	-7.8%
Italy	14.33	14.21	13.80	13.90	14.20	-0.8%	-2.9%	0.7%	2.2%	2.9%
Latvia	8.05	7.30	10.87	11.01	10.79	-9.3%	48.9%	1.3%	-2.0%	-0.7%
Lithuania	9.10	9.00	8.92	8.80	8.76	-1.1%	-0.9%	-1.3%	-0.5%	-1.8%
Luxembourg	15.77	15.77	14.77	14.77	14.73	0.0%	-6.3%	0.0%	-0.3%	-0.3%
Malta	15.92	13.76	13.56	13.88	13.49	-13.6%	-1.5%	2.4%	-2.8%	-0.5%
Netherlands	18.45	18.58	17.89	17.48	17.20	0.7%	-3.7%	-2.3%	-1.6%	-3.9%
Norway	18.86	18.83	18.34	16.47	16.81	-0.2%	-2.6%	-10.2%	2.1%	-8.3%
Poland	11.56	11.61	11.99	11.72	10.99	0.4%	3.3%	-2.3%	-6.2%	-8.3%
Portugal	13.66	13.92	12.29	12.34	13.30	1.9%	-11.7%	0.4%	7.8%	8.2%
Romania	9.33	9.42	9.48	9.58	9.35	1.0%	0.6%	1.1%	-2.4%	-1.4%
Slovakia	13.84	14.00	14.20	14.25	12.91	1.2%	1.4%	0.4%	-9.4%	-9.1%
Slovenia	13.13	12.95	12.73	12.71	12.69	-1.4%	-1.7%	-0.2%	-0.2%	-0.3%
Spain	20.37	21.66	21.35	22.42	21.01	6.3%	-1.4%	5.0%	-6.3%	-1.6%
Sweden	14.37	14.30	13.56	13.73	14.15	-0.5%	-5.2%	1.3%	3.1%	4.4%
Turkey	9.57	10.39	10.82	9.74	10.20	8.6%	4.1%	-10.0%	4.7%	-5.7%
United Kingdom	20.26	21.24	22.40	23.08	21.14	4.8%	5.5%	3.0%	-8.4%	-5.6%
Euro Area	15.28	15.55	15.38	15.58	15.31	1.8%	-1.1%	1.3%	-1.7%	-0.5%
EU 28	15.45	15.77	15.81	16.05	15.56	2.1%	0.3%	1.5%	-3.1%	-1.6%
Ireland relative to:										
Euro Area	157.7%	163.1%	155.3%	152.2%	143.8%					
EU 28	156.0%	160.8%	151.1%	147.7%	141.5%					

Source: Eurostat

Table 3 Household Electricity Prices in band DC in Europe (S1 2014 to S1 2016) without taxes

Band DC	without taxes (c/kWh)					% 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	13.21	12.94	12.61	12.39	12.42	-2.0%	-2.6%	-1.7%	0.2%	-1.5%
Belgium	16.73	16.78	18.17	18.42	15.67	0.3%	8.3%	1.4%	-14.9%	-13.8%
Bulgaria	6.89	7.46	7.85	7.98	7.97	8.3%	5.2%	1.7%	-0.1%	1.5%
Croatia	10.04	10.13	10.08	10.03	10.02	0.9%	-0.5%	-0.5%	-0.1%	-0.6%
Cyprus	18.61	19.15	15.74	14.63	11.94	2.9%	-17.8%	-7.1%	-18.4%	-24.1%
Czech Republic	11.37	11.29	11.34	11.53	11.61	-0.7%	0.4%	1.7%	0.7%	2.4%
Denmark	10.38	10.10	9.92	9.40	9.42	-2.7%	-1.8%	-5.2%	0.2%	-5.0%
Estonia	9.67	9.82	9.51	9.51	9.35	1.6%	-3.2%	0.0%	-1.7%	-1.7%
Finland	10.70	10.50	10.26	10.09	10.17	-1.9%	-2.3%	-1.7%	0.8%	-0.9%
France	10.64	10.94	10.67	11.07	10.87	2.8%	-2.5%	3.7%	-1.8%	1.9%
Germany	14.35	14.40	14.31	14.27	13.88	0.3%	-0.6%	-0.3%	-2.7%	-3.0%
Greece	12.04	12.16	12.11	12.27	11.96	1.0%	-0.4%	1.3%	-2.5%	-1.2%
Hungary	9.46	9.02	8.87	9.02	8.77	-4.7%	-1.7%	1.7%	-2.8%	-1.1%
Ireland	20.08	20.85	19.70	19.91	18.83	3.8%	-5.5%	1.1%	-5.4%	-4.4%
Italy	15.39	14.68	15.07	14.79	14.42	-4.6%	2.7%	-1.9%	-2.5%	-4.3%
Latvia	8.60	8.54	10.83	10.96	10.77	-0.7%	26.8%	1.2%	-1.7%	-0.6%
Lithuania	8.93	8.83	8.74	8.63	8.59	-1.1%	-1.0%	-1.3%	-0.5%	-1.7%
Luxembourg	14.31	14.31	13.31	13.31	13.27	0.0%	-7.0%	0.0%	-0.3%	-0.3%
Malta	14.04	11.89	11.97	12.09	11.97	-15.3%	0.7%	1.0%	-1.0%	0.0%
Netherlands	13.25	13.26	12.85	12.38	12.06	0.1%	-3.1%	-3.7%	-2.6%	-6.1%
Norway	11.73	11.82	11.33	9.94	10.42	0.8%	-4.1%	-12.3%	4.8%	-8.0%
Poland	11.07	10.97	11.25	11.05	10.37	-0.9%	2.6%	-1.8%	-6.2%	-7.8%
Portugal	12.68	13.01	11.50	11.53	12.39	2.6%	-11.6%	0.3%	7.5%	7.7%
Romania	9.10	9.06	9.27	9.38	9.16	-0.4%	2.3%	1.2%	-2.3%	-1.2%
Slovakia	12.24	12.37	12.23	12.32	11.54	1.1%	-1.1%	0.7%	-6.3%	-5.6%
Slovenia	11.52	11.51	11.23	11.26	11.12	-0.1%	-2.4%	0.3%	-1.2%	-1.0%
Spain	17.02	18.61	18.15	18.64	17.18	9.3%	-2.5%	2.7%	-7.8%	-5.3%
Sweden	12.64	11.94	11.83	12.02	12.18	-5.5%	-0.9%	1.6%	1.3%	3.0%
Turkey	9.55	10.40	10.81	9.72	10.20	8.9%	3.9%	-10.1%	4.9%	-5.6%
United Kingdom	18.26	19.17	20.24	20.79	18.59	5.0%	5.6%	2.7%	-10.6%	-8.2%
Euro Area	13.57	13.77	13.61	13.73	13.23	1.5%	-1.2%	0.9%	-3.6%	-2.8%
EU 28	13.73	13.97	14.02	14.19	13.53	1.7%	0.4%	1.2%	-4.7%	-3.5%
Ireland relative to:										
Euro Area	148.0%	151.4%	144.7%	145.0%	142.3%					
EU 28	146.2%	149.2%	140.5%	140.3%	139.2%					

Source: Eurostat

Table 4 Household Electricity Prices in band DD in Europe (S1 2014 to S1 2016) without taxes

Band DD	without taxes (c/kWh)					% 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	12.03	11.76	11.32	11.10	11.07	-2.2%	-3.7%	-1.9%	-0.3%	-2.2%
Belgium	14.78	14.89	16.28	16.31	14.43	0.7%	9.3%	0.2%	-11.5%	-11.4%
Bulgaria	6.95	7.33	7.80	8.01	7.89	5.5%	6.4%	2.7%	-1.5%	1.2%
Croatia	9.56	9.72	9.62	9.61	9.57	1.7%	-1.0%	-0.1%	-0.4%	-0.5%
Cyprus	18.14	19.15	15.31	14.65	11.48	5.6%	-20.1%	-4.3%	-21.6%	-25.0%
Czech Republic	9.00	8.94	8.94	9.09	9.25	-0.7%	0.0%	1.7%	1.8%	3.5%
Denmark	8.59	8.38	8.30	7.73	8.21	-2.4%	-1.0%	-6.9%	6.2%	-1.1%
Estonia	9.02	9.51	8.89	8.99	8.68	5.4%	-6.5%	1.1%	-3.4%	-2.4%
Finland	9.16	8.93	8.70	8.50	8.49	-2.5%	-2.6%	-2.3%	-0.1%	-2.4%
France	9.43	9.74	9.52	9.99	9.80	3.3%	-2.3%	4.9%	-1.9%	2.9%
Germany	13.14	13.17	13.05	13.03	12.60	0.2%	-0.9%	-0.2%	-3.3%	-3.4%
Greece	11.80	12.01	11.76	11.99	11.60	1.8%	-2.1%	2.0%	-3.3%	-1.4%
Hungary	9.15	8.75	8.68	8.79	8.55	-4.4%	-0.8%	1.3%	-2.7%	-1.5%
Ireland	17.75	18.43	17.14	17.68	16.65	3.8%	-7.0%	3.2%	-5.8%	-2.9%
Italy	18.53	17.78	18.59	18.09	15.97	-4.0%	4.6%	-2.7%	-11.7%	-14.1%
Latvia	8.92	9.30	10.76	10.89	10.70	4.3%	15.7%	1.2%	-1.7%	-0.6%
Lithuania	8.59	8.54	8.36	8.30	8.23	-0.6%	-2.1%	-0.7%	-0.8%	-1.6%
Luxembourg	13.01	13.01	12.04	12.04	12.01	0.0%	-7.5%	0.0%	-0.2%	-0.2%
Malta	16.10	13.91	14.15	14.09	14.29	-13.6%	1.7%	-0.4%	1.4%	1.0%
Netherlands	9.68	9.63	9.43	8.89	8.56	-0.5%	-2.1%	-5.7%	-3.7%	-9.2%
Norway	7.83	7.98	7.50	6.37	6.92	1.9%	-6.0%	-15.1%	8.6%	-7.7%
Poland	10.44	10.62	10.74	10.64	9.90	1.7%	1.1%	-0.9%	-7.0%	-7.8%
Portugal	12.10	12.54	11.05	11.08	11.90	3.6%	-11.9%	0.3%	7.4%	7.7%
Romania	8.80	8.94	9.13	9.26	8.78	1.6%	2.1%	1.4%	-5.2%	-3.8%
Slovakia	10.82	10.98	10.62	10.69	10.14	1.5%	-3.3%	0.7%	-5.1%	-4.5%
Slovenia	10.62	10.64	10.28	10.33	10.18	0.2%	-3.4%	0.5%	-1.5%	-1.0%
Spain	14.73	16.59	15.65	16.42	15.14	12.6%	-5.7%	4.9%	-7.8%	-3.3%
Sweden	9.92	9.86	9.24	9.41	9.28	-0.6%	-6.3%	1.8%	-1.4%	0.4%
Turkey	9.54	10.45	10.78	9.69	10.20	9.5%	3.2%	-10.1%	5.3%	-5.4%
United Kingdom	16.45	17.31	18.23	19.19	17.12	5.2%	5.3%	5.3%	-10.8%	-6.1%
Euro Area	12.72	12.97	12.79	12.94	12.18	2.0%	-1.4%	1.2%	-5.9%	-4.8%
EU 28	12.69	12.98	12.98	13.22	12.37	2.3%	0.0%	1.8%	-6.4%	-4.7%
Ireland relative to:										
Euro Area	139.5%	142.1%	134.0%	136.6%	136.7%					
EU 28	139.9%	142.0%	132.0%	133.7%	134.6%					

Source: Eurostat

Table 5 Household Electricity Prices in band DE in Europe (S1 2014 to S1 2016) without taxes

Band DE	without taxes (c/kWh)					% 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	10.50	10.17	9.76	9.54	9.46	-3.1%	-4.0%	-2.3%	-0.8%	-3.1%
Belgium	12.54	13.17	13.56	13.37	10.30	5.0%	3.0%	-1.4%	-23.0%	-24.0%
Bulgaria	6.91	7.08	7.75	7.97	7.93	2.5%	9.5%	2.8%	-0.5%	2.3%
Croatia	9.28	9.37	9.29	9.29	9.26	1.0%	-0.9%	0.0%	-0.3%	-0.3%
Cyprus	16.84	19.31	13.68	14.78	10.20	14.7%	-29.2%	8.0%	-31.0%	-25.4%
Czech Republic	7.65	7.60	7.64	7.76	8.43	-0.7%	0.5%	1.6%	8.6%	10.3%
Denmark	8.59	8.38	8.30	7.73	7.81	-2.4%	-1.0%	-6.9%	1.0%	-5.9%
Estonia	8.02	8.77	8.14	8.39	7.85	9.4%	-7.2%	3.1%	-6.4%	-3.6%
Finland	7.55	7.33	7.15	6.94	6.81	-2.9%	-2.5%	-2.9%	-1.9%	-4.8%
France	8.19	9.24	9.18	9.70	9.52	12.8%	-0.6%	5.7%	-1.9%	3.7%
Germany	12.72	12.75	12.61	12.53	12.17	0.2%	-1.1%	-0.6%	-2.9%	-3.5%
Greece	11.06	11.61	11.18	11.44	11.01	5.0%	-3.7%	2.3%	-3.8%	-1.5%
Hungary	9.73	9.07	8.88	9.35	8.88	-6.8%	-2.1%	5.3%	-5.0%	0.0%
Ireland	15.73	15.82	15.05	15.62	14.74	0.6%	-4.9%	3.8%	-5.6%	-2.1%
Italy	20.86	20.85	20.47	20.80	15.77	0.0%	-1.8%	1.6%	-24.2%	-23.0%
Latvia	9.32	9.42	10.53	10.74	10.40	1.1%	11.8%	2.0%	-3.2%	-1.2%
Lithuania	7.92	7.94	7.70	7.71	7.56	0.3%	-3.0%	0.1%	-1.9%	-1.8%
Luxembourg	11.89	11.93	11.04	11.03	11.01	0.3%	-7.5%	-0.1%	-0.2%	-0.3%
Malta	36.22	36.98	34.63	32.91	34.50	2.1%	-6.4%	-5.0%	4.8%	-0.4%
Netherlands	13.42	13.53	13.14	12.20	12.19	0.8%	-2.9%	-7.2%	-0.1%	-7.2%
Norway	6.66	6.83	6.35	5.29	5.87	2.6%	-7.0%	-16.7%	11.0%	-7.6%
Poland	10.47	10.65	10.62	10.47	9.84	1.7%	-0.3%	-1.4%	-6.0%	-7.3%
Portugal	12.04	12.10	10.96	10.83	11.66	0.5%	-9.4%	-1.2%	7.7%	6.4%
Romania	8.61	8.81	8.88	9.03	8.43	2.3%	0.8%	1.7%	-6.6%	-5.1%
Slovakia	9.75	9.91	9.42	9.34	9.01	1.6%	-4.9%	-0.8%	-3.5%	-4.4%
Slovenia	9.86	9.90	9.66	9.69	9.53	0.4%	-2.4%	0.3%	-1.7%	-1.3%
Spain	13.09	14.05	14.47	15.74	13.89	7.3%	3.0%	8.8%	-11.8%	-4.0%
Sweden	8.39	8.06	7.73	7.75	7.72	-3.9%	-4.1%	0.3%	-0.4%	-0.1%
Turkey	9.52	10.44	10.19	9.68	10.18	9.7%	-2.4%	-5.0%	5.2%	-0.1%
United Kingdom	15.12	15.98	16.57	17.73	15.49	5.7%	3.7%	7.0%	-12.6%	-6.5%
Euro Area	12.05	12.50	12.35	12.64	11.66	3.7%	-1.2%	2.3%	-7.8%	-5.6%
EU 28	11.94	12.36	12.34	12.70	11.68	3.5%	-0.2%	2.9%	-8.0%	-5.3%
Ireland relative to:										
Euro Area	130.5%	126.6%	121.9%	123.6%	126.4%					
EU 28	131.7%	128.0%	122.0%	123.0%	126.2%					

Source: Eurostat

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

Table 6 Household Electricity Prices in band DA in Europe (S1 2014 to S1 2016) without VAT

Band DA	without VAT (c/kWh)					% 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	26.46	26.30	29.58	29.39	30.79	-0.6%	12.5%	-0.6%	4.8%	4.1%
Belgium	23.74	24.27	24.91	26.60	33.98	2.2%	2.6%	6.8%	27.7%	36.4%
Bulgaria	7.09	7.62	8.07	8.13	8.15	7.5%	5.9%	0.7%	0.2%	1.0%
Croatia	18.29	16.74	17.25	16.37	18.13	-8.5%	3.0%	-5.1%	10.8%	5.1%
Cyprus	22.30	22.05	19.05	17.83	15.53	-1.1%	-13.6%	-6.4%	-12.9%	-18.5%
Czech Republic	21.39	21.25	21.31	21.65	22.08	-0.7%	0.3%	1.6%	2.0%	3.6%
Denmark	26.60	26.51	26.70	26.61	30.75	-0.3%	0.7%	-0.3%	15.6%	15.2%
Estonia	11.22	11.45	11.23	11.02	10.96	2.0%	-1.9%	-1.9%	-0.5%	-2.4%
Finland	23.93	24.11	24.51	24.32	24.93	0.8%	1.7%	-0.8%	2.5%	1.7%
France	24.05	23.97	24.78	25.42	25.27	-0.3%	3.4%	2.6%	-0.6%	2.0%
Germany	36.38	36.44	36.69	36.62	38.28	0.2%	0.7%	-0.2%	4.5%	4.3%
Greece	20.37	18.79	23.27	19.93	23.17	-7.8%	23.8%	-14.4%	16.3%	-0.4%
Hungary	10.78	10.45	10.08	10.15	9.94	-3.1%	-3.5%	0.7%	-2.1%	-1.4%
Ireland	57.05	58.59	61.41	42.38	35.73	2.7%	4.8%	-31.0%	-15.7%	-41.8%
Italy	26.65	26.46	26.86	26.56	28.65	-0.7%	1.5%	-1.1%	7.9%	6.7%
Latvia	9.62	9.65	12.41	13.61	13.34	0.3%	28.6%	9.7%	-2.0%	7.5%
Lithuania	11.30	11.19	10.64	10.54	10.42	-1.0%	-4.9%	-0.9%	-1.1%	-2.1%
Luxembourg	22.24	22.24	22.20	22.20	21.56	0.0%	-0.2%	0.0%	-2.9%	-2.9%
Malta	36.97	35.04	35.60	35.28	33.54	-5.2%	1.6%	-0.9%	-4.9%	-5.8%
Netherlands	..	..	..	..	..	..	..	..	..	..
Norway	33.00	32.72	32.33	29.57	29.83	-0.8%	-1.2%	-8.5%	0.9%	-7.7%
Poland	15.00	14.59	14.92	14.55	13.02	-2.7%	2.3%	-2.5%	-10.5%	-12.7%
Portugal	32.47	32.07	31.55	32.31	31.05	-1.2%	-1.6%	2.4%	-3.9%	-1.6%
Romania	10.76	10.49	11.01	10.99	10.89	-2.5%	5.0%	-0.2%	-0.9%	-1.1%
Slovakia	19.91	20.39	20.39	20.97	17.95	2.4%	0.0%	2.8%	-14.4%	-12.0%
Slovenia	20.71	17.45	17.97	18.22	15.28	-15.7%	3.0%	1.4%	-16.1%	-15.0%
Spain	39.34	38.54	41.92	43.75	43.10	-2.0%	8.8%	4.4%	-1.5%	2.8%
Sweden	28.43	28.48	27.27	27.55	29.13	0.2%	-4.2%	1.0%	5.7%	6.8%
Turkey	10.11	11.17	11.54	10.39	10.73	10.5%	3.3%	-10.0%	3.3%	-7.0%
United Kingdom	22.89	23.83	24.43	25.41	23.62	4.1%	2.5%	4.0%	-7.0%	-3.3%
Euro Area	29.97	29.80	30.82	30.87	31.67	-0.6%	3.4%	0.2%	2.6%	2.8%
EU 28	27.13	27.12	27.95	28.12	28.48	0.0%	3.1%	0.6%	1.3%	1.9%
Ireland relative to:										
Euro Area	190.4%	196.6%	199.3%	137.3%	112.8%					
EU 28	210.3%	216.0%	219.7%	150.7%	125.5%					

Source: Eurostat

Table 7 Household Electricity Prices in band DB in Europe (S1 2014 to S1 2016) without VAT

Band DB	without VAT (c/kWh)					% 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	19.51	19.26	20.16	19.95	20.66	-1.3%	4.7%	-1.0%	3.6%	2.5%
Belgium	19.86	20.04	21.22	21.97	23.42	0.9%	5.9%	3.5%	6.6%	10.4%
Bulgaria	6.98	7.51	7.95	8.01	8.02	7.6%	5.9%	0.8%	0.1%	0.9%
Croatia	11.44	11.42	11.44	11.30	11.37	-0.2%	0.2%	-1.2%	0.6%	-0.6%
Cyprus	19.35	19.78	16.39	15.43	12.81	2.2%	-17.1%	-5.9%	-17.0%	-21.8%
Czech Republic	15.23	15.13	15.13	15.37	15.57	-0.7%	0.0%	1.6%	1.3%	2.9%
Denmark	26.60	26.51	26.70	26.61	26.72	-0.3%	0.7%	-0.3%	0.4%	0.1%
Estonia	11.21	11.30	11.15	11.22	11.02	0.8%	-1.3%	0.6%	-1.8%	-1.2%
Finland	16.25	16.17	16.29	16.16	16.44	-0.5%	0.7%	-0.8%	1.7%	0.9%
France	15.25	15.60	15.76	16.07	16.04	2.3%	1.0%	2.0%	-0.2%	1.8%
Germany	27.13	27.14	26.99	26.95	27.42	0.0%	-0.6%	-0.1%	1.7%	1.6%
Greece	14.82	15.71	15.95	16.03	15.93	6.0%	1.5%	0.5%	-0.6%	-0.1%
Hungary	9.84	9.38	9.19	9.34	9.09	-4.7%	-2.0%	1.6%	-2.7%	-1.1%
Ireland	26.39	28.30	27.30	27.01	24.77	7.2%	-3.5%	-1.1%	-8.3%	-9.3%
Italy	19.20	19.07	18.93	19.37	19.61	-0.7%	-0.7%	2.3%	1.2%	3.6%
Latvia	10.73	9.98	13.55	13.69	13.47	-7.0%	35.8%	1.0%	-1.6%	-0.6%
Lithuania	11.17	11.07	10.56	10.44	10.34	-0.9%	-4.6%	-1.1%	-1.0%	-2.1%
Luxembourg	17.86	17.86	17.82	17.82	17.18	0.0%	-0.2%	0.0%	-3.6%	-3.6%
Malta	15.92	13.76	13.56	13.88	13.49	-13.6%	-1.5%	2.4%	-2.8%	-0.5%
Netherlands	10.35	9.90	12.91	11.14	9.43	-4.3%	30.4%	-13.7%	-15.4%	-27.0%
Norway	20.36	20.30	19.92	18.00	18.51	-0.3%	-1.9%	-9.6%	2.8%	-7.1%
Poland	12.03	12.08	12.48	12.19	11.44	0.4%	3.3%	-2.3%	-6.2%	-8.3%
Portugal	19.34	19.70	20.12	20.19	20.78	1.9%	2.1%	0.3%	2.9%	3.3%
Romania	10.66	10.43	10.72	10.83	10.74	-2.2%	2.8%	1.0%	-0.8%	0.2%
Slovakia	14.16	14.32	14.52	14.57	13.23	1.1%	1.4%	0.3%	-9.2%	-8.9%
Slovenia	15.98	15.83	15.57	16.04	16.26	-0.9%	-1.6%	3.0%	1.4%	4.4%
Spain	21.41	22.76	22.44	23.57	22.09	6.3%	-1.4%	5.0%	-6.3%	-1.6%
Sweden	17.47	17.30	16.53	16.70	17.12	-1.0%	-4.5%	1.0%	2.5%	3.6%
Turkey	10.13	11.09	11.54	10.37	10.73	9.5%	4.1%	-10.1%	3.5%	-7.0%
United Kingdom	20.26	21.24	22.40	23.08	21.14	4.8%	5.5%	3.0%	-8.4%	-5.6%
Euro Area	19.54	19.82	19.96	20.18	20.20	1.4%	0.7%	1.1%	0.1%	1.2%
EU 28	18.79	19.11	19.38	19.64	19.36	1.7%	1.4%	1.3%	-1.4%	-0.1%
Ireland relative to:										
Euro Area	135.1%	142.8%	136.8%	133.8%	122.6%					
EU 28	140.4%	148.1%	140.9%	137.5%	127.9%					

Source: Eurostat

Table 8 Household Electricity Prices in band DC in Europe (S1 2014 to S1 2016) without VAT

Band DC	without VAT (c/kWh)					% 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	16.84	16.56	16.74	16.52	16.95	-1.7%	1.1%	-1.3%	2.6%	1.3%
Belgium	18.60	18.83	20.06	20.60	21.08	1.2%	6.5%	2.7%	2.3%	5.1%
Bulgaria	6.89	7.46	7.85	7.98	7.97	8.3%	5.2%	1.7%	-0.1%	1.5%
Croatia	10.50	10.59	10.53	10.50	10.49	0.9%	-0.6%	-0.3%	-0.1%	-0.4%
Cyprus	19.37	19.88	16.52	15.54	12.91	2.6%	-16.9%	-5.9%	-16.9%	-21.9%
Czech Republic	11.48	11.40	11.45	11.64	11.72	-0.7%	0.4%	1.7%	0.7%	2.4%
Denmark	24.33	24.28	24.54	24.33	24.70	-0.2%	1.1%	-0.9%	1.5%	0.7%
Estonia	10.89	11.04	10.85	10.85	10.76	1.4%	-1.7%	0.0%	-0.8%	-0.8%
Finland	12.61	12.40	12.52	12.34	12.42	-1.7%	1.0%	-1.4%	0.6%	-0.8%
France	13.49	13.81	13.84	14.28	14.37	2.4%	0.2%	3.2%	0.6%	3.8%
Germany	25.05	24.99	24.80	24.76	24.95	-0.2%	-0.8%	-0.2%	0.8%	0.6%
Greece	15.64	15.80	15.64	15.67	15.57	1.0%	-1.0%	0.2%	-0.6%	-0.4%
Hungary	9.46	9.02	8.87	9.02	8.77	-4.7%	-1.7%	1.7%	-2.8%	-1.1%
Ireland	21.21	22.35	21.37	21.62	20.31	5.4%	-4.4%	1.2%	-6.1%	-5.0%
Italy	22.24	21.25	22.27	22.07	21.94	-4.5%	4.8%	-0.9%	-0.6%	-1.5%
Latvia	11.28	11.22	13.51	13.64	13.45	-0.5%	20.4%	1.0%	-1.4%	-0.4%
Lithuania	10.99	10.90	10.38	10.27	10.17	-0.8%	-4.8%	-1.1%	-1.0%	-2.0%
Luxembourg	16.40	16.40	16.36	16.36	15.72	0.0%	-0.2%	0.0%	-3.9%	-3.9%
Malta	14.04	11.89	11.97	12.09	11.97	-15.3%	0.7%	1.0%	-1.0%	0.0%
Netherlands	15.21	14.88	16.42	15.25	13.39	-2.2%	10.3%	-7.1%	-12.2%	-18.5%
Norway	13.22	13.29	12.91	11.47	12.12	0.5%	-2.9%	-11.2%	5.7%	-6.1%
Poland	11.55	11.44	11.74	11.53	10.83	-1.0%	2.6%	-1.8%	-6.1%	-7.8%
Portugal	17.71	18.17	18.56	18.60	19.11	2.6%	2.1%	0.2%	2.7%	3.0%
Romania	10.41	10.06	10.51	10.63	10.54	-3.4%	4.5%	1.1%	-0.8%	0.3%
Slovakia	12.56	12.69	12.55	12.64	11.86	1.0%	-1.1%	0.7%	-6.2%	-5.5%
Slovenia	13.36	13.38	13.02	13.37	13.26	0.1%	-2.7%	2.7%	-0.8%	1.8%
Spain	17.89	19.56	19.08	19.59	18.06	9.3%	-2.5%	2.7%	-7.8%	-5.3%
Sweden	15.73	14.94	14.81	14.99	15.15	-5.0%	-0.9%	1.2%	1.1%	2.3%
Turkey	10.10	11.11	11.52	10.36	10.73	10.0%	3.7%	-10.1%	3.6%	-6.9%
United Kingdom	18.26	19.17	20.24	20.79	18.59	5.0%	5.6%	2.7%	-10.6%	-8.2%
Euro Area	18.41	18.58	18.67	18.80	18.58	0.9%	0.5%	0.7%	-1.2%	-0.5%
EU 28	17.48	17.67	17.93	18.10	17.65	1.1%	1.5%	0.9%	-2.5%	-1.6%
Ireland relative to:										
Euro Area	115.2%	120.3%	114.5%	115.0%	109.3%					
EU 28	121.3%	126.5%	119.2%	119.4%	115.1%					

Source: Eurostat

Table 9 Household Electricity Prices in band DD in Europe (S1 2014 to S1 2016) without VAT

Band DD	without VAT (c/kWh)					% 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	15.40	15.13	14.83	14.61	14.93	-1.8%	-2.0%	-1.5%	2.2%	0.7%
Belgium	16.71	16.90	18.18	18.42	19.30	1.1%	7.6%	1.3%	4.8%	6.2%
Bulgaria	6.95	7.33	7.80	8.01	7.89	5.5%	6.4%	2.7%	-1.5%	1.2%
Croatia	10.02	10.18	10.07	10.07	10.04	1.6%	-1.1%	0.0%	-0.3%	-0.3%
Cyprus	18.90	19.87	16.09	15.55	12.46	5.1%	-19.0%	-3.4%	-19.9%	-22.6%
Czech Republic	9.11	9.05	9.05	9.20	9.36	-0.7%	0.0%	1.7%	1.7%	3.4%
Denmark	18.41	18.36	18.03	17.77	19.45	-0.3%	-1.8%	-1.4%	9.5%	7.9%
Estonia	10.24	10.73	10.23	10.33	10.09	4.8%	-4.7%	1.0%	-2.3%	-1.4%
Finland	11.06	10.83	10.95	10.76	10.74	-2.1%	1.1%	-1.7%	-0.2%	-1.9%
France	12.29	12.59	12.67	13.17	13.27	2.4%	0.6%	3.9%	0.8%	4.7%
Germany	23.77	23.76	23.54	23.50	23.63	0.0%	-0.9%	-0.2%	0.6%	0.4%
Greece	16.93	16.74	16.77	16.64	16.63	-1.1%	0.2%	-0.8%	-0.1%	-0.8%
Hungary	9.15	8.75	8.68	8.79	8.55	-4.4%	-0.8%	1.3%	-2.7%	-1.5%
Ireland	18.31	19.23	17.97	18.62	17.42	5.0%	-6.6%	3.6%	-6.4%	-3.1%
Italy	27.32	26.67	27.77	27.57	25.73	-2.4%	4.1%	-0.7%	-6.7%	-7.3%
Latvia	11.60	11.98	13.44	13.56	13.38	3.3%	12.2%	0.9%	-1.3%	-0.4%
Lithuania	10.66	10.61	10.01	9.94	9.80	-0.5%	-5.7%	-0.7%	-1.4%	-2.1%
Luxembourg	15.10	15.10	15.09	15.09	14.46	0.0%	-0.1%	0.0%	-4.2%	-4.2%
Malta	16.10	13.91	14.15	14.09	14.29	-13.6%	1.7%	-0.4%	1.4%	1.0%
Netherlands	16.68	16.46	17.23	16.49	14.53	-1.3%	4.7%	-4.3%	-11.9%	-15.7%
Norway	9.32	9.45	9.07	7.90	8.62	1.4%	-4.0%	-12.9%	9.1%	-5.0%
Poland	10.92	11.09	11.23	11.11	10.36	1.6%	1.3%	-1.1%	-6.8%	-7.7%
Portugal	16.75	17.35	17.62	17.67	18.22	3.6%	1.6%	0.3%	3.1%	3.4%
Romania	10.13	9.95	10.36	10.52	10.16	-1.8%	4.1%	1.5%	-3.4%	-1.9%
Slovakia	11.14	11.30	10.94	11.01	10.46	1.4%	-3.2%	0.6%	-5.0%	-4.4%
Slovenia	11.85	11.91	11.45	11.69	11.52	0.5%	-3.9%	2.1%	-1.5%	0.6%
Spain	15.49	17.44	16.45	17.26	15.92	12.6%	-5.7%	4.9%	-7.8%	-3.2%
Sweden	13.02	12.86	12.22	12.38	12.25	-1.2%	-5.0%	1.3%	-1.1%	0.2%
Turkey	10.10	11.16	11.49	10.32	10.73	10.5%	3.0%	-10.2%	4.0%	-6.6%
United Kingdom	16.45	17.31	18.23	19.19	17.12	5.2%	5.3%	5.3%	-10.8%	-6.1%
Euro Area	18.00	18.26	18.24	18.42	17.94	1.4%	-0.1%	1.0%	-2.6%	-1.6%
EU 28	16.68	16.97	17.09	17.36	16.72	1.7%	0.7%	1.6%	-3.7%	-2.2%
Ireland relative to:										
Euro Area	101.7%	105.3%	98.5%	101.1%	97.1%					
EU 28	109.8%	113.3%	105.1%	107.3%	104.2%					

Source: Eurostat

Table 10 Household Electricity Prices in band DE in Europe (S1 2014 to S1 2016) without VAT

Band DE	without VAT (c/kWh)					% 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	13.44	13.10	12.65	12.42	12.64	-2.5%	-3.4%	-1.8%	1.8%	-0.1%
Belgium	14.09	14.73	15.22	15.07	14.80	4.5%	3.3%	-1.0%	-1.8%	-2.8%
Bulgaria	6.91	7.08	7.75	7.97	7.93	2.5%	9.5%	2.8%	-0.5%	2.3%
Croatia	9.74	9.83	9.75	9.75	9.73	0.9%	-0.8%	0.0%	-0.2%	-0.2%
Cyprus	17.61	20.03	14.46	15.69	11.17	13.7%	-27.8%	8.5%	-28.8%	-22.8%
Czech Republic	7.76	7.71	7.75	7.87	8.54	-0.6%	0.5%	1.5%	8.5%	10.2%
Denmark	18.41	18.36	18.03	17.77	17.70	-0.3%	-1.8%	-1.4%	-0.4%	-1.8%
Estonia	9.24	9.99	9.48	9.74	9.26	8.1%	-5.1%	2.7%	-4.9%	-2.3%
Finland	9.45	9.23	9.40	9.19	9.07	-2.3%	1.8%	-2.2%	-1.3%	-3.5%
France	11.05	12.10	12.35	12.88	12.99	9.5%	2.1%	4.3%	0.9%	5.2%
Germany	22.61	22.81	22.49	22.51	22.52	0.9%	-1.4%	0.1%	0.0%	0.1%
Greece	16.65	17.75	16.56	17.35	16.39	6.6%	-6.7%	4.8%	-5.5%	-1.0%
Hungary	9.73	9.07	8.88	9.35	8.88	-6.8%	-2.1%	5.3%	-5.0%	0.0%
Ireland	15.91	16.07	15.32	15.93	14.99	1.0%	-4.7%	4.0%	-5.9%	-2.2%
Italy	29.77	30.29	29.85	30.93	26.07	1.7%	-1.5%	3.6%	-15.7%	-12.7%
Latvia	12.00	12.09	13.21	13.42	13.08	0.7%	9.3%	1.6%	-2.5%	-1.0%
Lithuania	9.99	10.01	9.34	9.36	9.13	0.2%	-6.7%	0.2%	-2.5%	-2.2%
Luxembourg	13.98	14.02	14.09	14.08	13.46	0.3%	0.5%	-0.1%	-4.4%	-4.5%
Malta	36.22	36.98	34.63	32.91	34.50	2.1%	-6.4%	-5.0%	4.8%	-0.4%
Netherlands	22.13	16.99	21.75	16.34	20.10	-23.2%	28.0%	-24.9%	23.0%	-7.6%
Norway	8.15	8.30	7.92	6.83	7.57	1.8%	-4.6%	-13.8%	10.8%	-4.4%
Poland	10.95	11.13	11.11	10.95	10.30	1.6%	-0.2%	-1.4%	-5.9%	-7.3%
Portugal	16.26	16.33	17.03	16.83	17.51	0.4%	4.3%	-1.2%	4.0%	2.8%
Romania	9.94	9.81	10.08	10.28	9.85	-1.3%	2.8%	2.0%	-4.2%	-2.3%
Slovakia	10.07	10.23	9.74	9.66	9.33	1.6%	-4.8%	-0.8%	-3.4%	-4.2%
Slovenia	10.64	10.73	10.42	10.55	10.38	0.8%	-2.9%	1.2%	-1.6%	-0.4%
Spain	13.76	14.77	15.21	16.54	14.60	7.3%	3.0%	8.7%	-11.7%	-4.0%
Sweden	11.48	11.07	10.70	10.72	10.69	-3.6%	-3.3%	0.2%	-0.3%	-0.1%
Turkey	10.08	11.14	10.85	10.31	10.71	10.5%	-2.6%	-5.0%	3.9%	-1.3%
United Kingdom	15.12	15.98	16.57	17.73	15.49	5.7%	3.7%	7.0%	-12.6%	-6.5%
Euro Area	17.20	17.56	17.68	17.92	17.35	2.1%	0.7%	1.4%	-3.2%	-1.9%
EU 28	15.85	16.19	16.37	16.70	15.97	2.1%	1.1%	2.0%	-4.4%	-2.4%
Ireland relative to:										
Euro Area	92.5%	91.5%	86.7%	88.9%	86.4%					
EU 28	100.4%	99.3%	93.6%	95.4%	93.9%					

Source: Eurostat

4 Electricity prices to Household in the EU (all taxes incl.)

Table 11 Household Electricity Prices in band DA in Europe (S1 2014 to S1 2016) all taxes included

Band DA	all taxes included (c/kWh)					% 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	31.75	31.56	35.50	35.27	36.95	-0.6%	12.5%	-0.6%	4.8%	4.1%
Belgium	26.61	25.95	26.41	30.82	40.88	-2.5%	1.8%	16.7%	32.6%	54.8%
Bulgaria	8.51	9.14	9.69	9.76	9.78	7.4%	6.0%	0.7%	0.2%	0.9%
Croatia	22.86	20.92	21.56	20.46	22.66	-8.5%	3.1%	-5.1%	10.8%	5.1%
Cyprus	26.38	26.26	22.74	21.33	18.60	-0.5%	-13.4%	-6.2%	-12.8%	-18.2%
Czech Republic	25.87	25.70	25.78	26.20	26.70	-0.7%	0.3%	1.6%	1.9%	3.6%
Denmark	33.25	33.14	33.37	33.26	38.43	-0.3%	0.7%	-0.3%	15.5%	15.2%
Estonia	13.47	13.74	13.47	13.22	12.47	2.0%	-2.0%	-1.9%	-5.7%	-7.4%
Finland	29.67	29.89	30.39	30.16	30.91	0.7%	1.7%	-0.8%	2.5%	1.7%
France	26.78	26.76	27.72	28.37	28.21	-0.1%	3.6%	2.3%	-0.6%	1.8%
Germany	43.29	43.36	43.66	43.58	45.55	0.2%	0.7%	-0.2%	4.5%	4.3%
Greece	23.02	21.23	26.29	22.52	26.18	-7.8%	23.8%	-14.3%	16.3%	-0.4%
Hungary	13.69	13.27	12.80	12.89	12.62	-3.1%	-3.5%	0.7%	-2.1%	-1.4%
Ireland	64.75	66.50	69.70	48.10	40.55	2.7%	4.8%	-31.0%	-15.7%	-41.8%
Italy	29.35	29.13	29.57	29.25	31.55	-0.7%	1.5%	-1.1%	7.9%	6.7%
Latvia	11.64	11.11	15.01	16.47	16.14	-4.6%	35.1%	9.7%	-2.0%	7.5%
Lithuania	13.67	13.55	12.87	12.75	12.61	-0.9%	-5.0%	-0.9%	-1.1%	-2.0%
Luxembourg	23.57	23.57	23.97	23.97	23.28	0.0%	1.7%	0.0%	-2.9%	-2.9%
Malta	38.82	36.79	37.38	37.04	35.22	-5.2%	1.6%	-0.9%	-4.9%	-5.8%
Netherlands	..	..	..	..	..	..	..	..	..	..
Norway	41.24	40.89	40.41	36.96	37.29	-0.8%	-1.2%	-8.5%	0.9%	-7.7%
Poland	18.45	17.94	18.36	17.90	16.02	-2.8%	2.3%	-2.5%	-10.5%	-12.7%
Portugal	39.89	39.40	38.74	39.71	38.19	-1.2%	-1.7%	2.5%	-3.8%	-1.4%
Romania	13.34	13.00	13.66	13.62	13.04	-2.5%	5.1%	-0.3%	-4.3%	-4.5%
Slovakia	23.89	24.47	24.47	25.16	21.54	2.4%	0.0%	2.8%	-14.4%	-12.0%
Slovenia	25.27	21.29	21.92	22.23	18.65	-15.7%	3.0%	1.4%	-16.1%	-14.9%
Spain	47.60	46.64	50.72	52.94	52.15	-2.0%	8.7%	4.4%	-1.5%	2.8%
Sweden	35.54	35.59	34.08	34.43	36.42	0.1%	-4.2%	1.0%	5.8%	6.9%
Turkey	11.94	13.18	13.61	12.26	12.66	10.4%	3.3%	-9.9%	3.3%	-7.0%
United Kingdom	24.04	25.03	25.66	26.71	24.80	4.1%	2.5%	4.1%	-7.2%	-3.4%
Euro Area	34.89	34.66	35.87	36.02	36.99	-0.7%	3.5%	0.4%	2.7%	3.1%
EU 28	31.46	31.41	32.37	32.63	33.09	-0.2%	3.1%	0.8%	1.4%	2.2%
Ireland relative to:										
Euro Area	185.6%	191.9%	194.3%	133.5%	109.6%					
EU 28	205.8%	211.7%	215.3%	147.4%	122.5%					

Source: Eurostat

Table 12 Household Electricity Prices in band DB in Europe (S1 2014 to S1 2016) all taxes included

Band DB	all taxes included (c/kWh)					% 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	23.41	23.11	24.19	23.93	24.79	-1.3%	4.7%	-1.1%	3.6%	2.5%
Belgium	22.45	21.57	22.49	25.28	28.23	-3.9%	4.3%	12.4%	11.7%	25.5%
Bulgaria	8.38	9.01	9.54	9.61	9.63	7.5%	5.9%	0.7%	0.2%	0.9%
Croatia	14.30	14.28	14.31	14.12	14.22	-0.1%	0.2%	-1.3%	0.7%	-0.6%
Cyprus	22.88	23.45	19.43	18.26	15.17	2.5%	-17.1%	-6.0%	-16.9%	-21.9%
Czech Republic	18.44	18.32	18.29	18.58	18.82	-0.7%	-0.2%	1.6%	1.3%	2.9%
Denmark	33.25	33.14	33.37	33.26	33.40	-0.3%	0.7%	-0.3%	0.4%	0.1%
Estonia	13.45	13.55	13.38	13.29	12.41	0.7%	-1.3%	-0.7%	-6.6%	-7.2%
Finland	20.15	20.04	20.20	20.04	20.39	-0.5%	0.8%	-0.8%	1.7%	0.9%
France	17.69	18.06	18.25	18.60	18.58	2.1%	1.1%	1.9%	-0.1%	1.8%
Germany	32.28	32.30	32.12	32.07	32.63	0.1%	-0.6%	-0.2%	1.7%	1.6%
Greece	16.75	17.75	18.03	18.12	18.00	6.0%	1.6%	0.5%	-0.7%	-0.2%
Hungary	12.49	11.91	11.67	11.86	11.55	-4.6%	-2.0%	1.6%	-2.6%	-1.0%
Ireland	29.95	32.12	30.98	30.66	28.11	7.2%	-3.5%	-1.0%	-8.3%	-9.3%
Italy	21.12	20.99	20.82	21.31	21.58	-0.6%	-0.8%	2.4%	1.3%	3.7%
Latvia	12.98	11.51	16.40	16.57	16.30	-11.3%	42.5%	1.0%	-1.6%	-0.6%
Lithuania	13.51	13.39	12.78	12.63	12.51	-0.9%	-4.6%	-1.2%	-1.0%	-2.1%
Luxembourg	18.93	18.93	19.24	19.24	18.55	0.0%	1.6%	0.0%	-3.6%	-3.6%
Malta	16.72	14.45	14.24	14.57	14.16	-13.6%	-1.5%	2.3%	-2.8%	-0.6%
Netherlands	12.52	11.98	15.62	13.47	11.41	-4.3%	30.4%	-13.8%	-15.3%	-27.0%
Norway	25.45	25.37	24.90	22.50	23.14	-0.3%	-1.9%	-9.6%	2.8%	-7.1%
Poland	14.80	14.86	15.35	15.00	14.08	0.4%	3.3%	-2.3%	-6.1%	-8.3%
Portugal	23.75	24.20	24.71	24.81	25.56	1.9%	2.1%	0.4%	3.0%	3.4%
Romania	13.22	12.93	13.30	13.43	12.86	-2.2%	2.9%	1.0%	-4.2%	-3.3%
Slovakia	16.99	17.18	17.42	17.48	15.88	1.1%	1.4%	0.3%	-9.2%	-8.8%
Slovenia	19.50	19.32	19.00	19.57	19.84	-0.9%	-1.7%	3.0%	1.4%	4.4%
Spain	25.91	27.55	27.15	28.52	26.72	6.3%	-1.5%	5.0%	-6.3%	-1.6%
Sweden	21.84	21.62	20.67	20.88	21.40	-1.0%	-4.4%	1.0%	2.5%	3.5%
Turkey	11.96	13.09	13.61	12.24	12.66	9.4%	4.0%	-10.1%	3.4%	-7.0%
United Kingdom	21.27	22.30	23.52	24.25	22.21	4.8%	5.5%	3.1%	-8.4%	-5.6%
Euro Area	22.95	23.24	23.39	23.71	23.78	1.3%	0.6%	1.4%	0.3%	1.7%
EU 28	21.87	22.20	22.49	22.83	22.55	1.5%	1.3%	1.5%	-1.2%	0.3%
Ireland relative to:										
Euro Area	130.5%	138.2%	132.4%	129.3%	118.2%					
EU 28	136.9%	144.7%	137.8%	134.3%	124.7%					

Source: Eurostat

Table 13 Household Electricity Prices in band DC in Europe (S1 2014 to S1 2016) all taxes included

Band DC	all taxes included (c/kWh)					% 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	20.21	19.87	20.09	19.83	20.34	-1.7%	1.1%	-1.3%	2.6%	1.2%
Belgium	20.97	20.43	21.26	23.52	25.44	-2.6%	4.1%	10.6%	8.2%	19.7%
Bulgaria	8.32	8.95	9.42	9.57	9.56	7.6%	5.3%	1.6%	-0.1%	1.5%
Croatia	13.12	13.24	13.17	13.12	13.11	0.9%	-0.5%	-0.4%	-0.1%	-0.5%
Cyprus	22.91	23.56	19.57	18.38	15.27	2.8%	-16.9%	-6.1%	-16.9%	-22.0%
Czech Republic	13.88	13.79	13.85	14.08	14.20	-0.6%	0.4%	1.7%	0.9%	2.5%
Denmark	30.42	30.35	30.68	30.42	30.88	-0.2%	1.1%	-0.8%	1.5%	0.7%
Estonia	13.07	13.25	13.02	12.91	12.08	1.4%	-1.7%	-0.8%	-6.4%	-7.2%
Finland	15.63	15.38	15.52	15.30	15.41	-1.6%	0.9%	-1.4%	0.7%	-0.7%
France	15.85	16.20	16.24	16.75	16.85	2.2%	0.2%	3.1%	0.6%	3.8%
Germany	29.81	29.74	29.51	29.46	29.69	-0.2%	-0.8%	-0.2%	0.8%	0.6%
Greece	17.67	17.85	17.67	17.71	17.60	1.0%	-1.0%	0.2%	-0.6%	-0.4%
Hungary	12.02	11.46	11.27	11.45	11.14	-4.7%	-1.7%	1.6%	-2.7%	-1.2%
Ireland	24.07	25.36	24.26	24.54	23.06	5.4%	-4.3%	1.2%	-6.0%	-4.9%
Italy	24.46	23.38	24.50	24.28	24.13	-4.4%	4.8%	-0.9%	-0.6%	-1.5%
Latvia	13.65	13.01	16.35	16.50	16.28	-4.7%	25.7%	0.9%	-1.3%	-0.4%
Lithuania	13.30	13.19	12.56	12.43	12.31	-0.8%	-4.8%	-1.0%	-1.0%	-2.0%
Luxembourg	17.38	17.38	17.67	17.67	16.98	0.0%	1.7%	0.0%	-3.9%	-3.9%
Malta	14.74	12.48	12.57	12.69	12.57	-15.3%	0.7%	1.0%	-0.9%	0.0%
Netherlands	18.41	18.01	19.86	18.46	16.20	-2.2%	10.3%	-7.0%	-12.2%	-18.4%
Norway	16.53	16.61	16.14	14.34	15.15	0.5%	-2.8%	-11.2%	5.6%	-6.1%
Poland	14.21	14.08	14.44	14.18	13.32	-0.9%	2.6%	-1.8%	-6.1%	-7.8%
Portugal	21.75	22.31	22.79	22.85	23.50	2.6%	2.2%	0.3%	2.8%	3.1%
Romania	12.90	12.48	13.03	13.19	12.63	-3.3%	4.4%	1.2%	-4.2%	-3.1%
Slovakia	15.07	15.23	15.06	15.17	14.23	1.1%	-1.1%	0.7%	-6.2%	-5.5%
Slovenia	16.30	16.32	15.89	16.31	16.18	0.1%	-2.6%	2.6%	-0.8%	1.8%
Spain	21.65	23.67	23.09	23.70	21.85	9.3%	-2.5%	2.6%	-7.8%	-5.4%
Sweden	19.67	18.67	18.51	18.74	18.94	-5.1%	-0.9%	1.2%	1.1%	2.3%
Turkey	11.92	13.10	13.60	12.22	12.67	9.9%	3.8%	-10.1%	3.7%	-6.8%
United Kingdom	19.18	20.13	21.25	21.83	19.51	5.0%	5.6%	2.7%	-10.6%	-8.2%
Euro Area	21.64	21.81	21.90	22.09	21.88	0.8%	0.4%	0.9%	-1.0%	-0.1%
EU 28	20.36	20.56	20.82	21.05	20.58	1.0%	1.3%	1.1%	-2.2%	-1.2%
Ireland relative to:										
Euro Area	111.2%	116.3%	110.8%	111.1%	105.4%					
EU 28	118.2%	123.3%	116.5%	116.6%	112.1%					

Source: Eurostat

Table 14 Household Electricity Prices in band DD in Europe (S1 2014 to S1 2016) all taxes included

Band DD	all taxes included (c/kWh)					% 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	18.48	18.15	17.80	17.53	17.92	-1.8%	-1.9%	-1.5%	2.2%	0.7%
Belgium	18.85	17.91	19.26	21.05	23.30	-5.0%	7.5%	9.3%	10.7%	21.0%
Bulgaria	8.34	8.79	9.36	9.61	9.47	5.4%	6.5%	2.7%	-1.5%	1.2%
Croatia	12.53	12.72	12.59	12.59	12.55	1.5%	-1.0%	0.0%	-0.3%	-0.3%
Cyprus	22.34	23.55	19.04	18.39	14.72	5.4%	-19.2%	-3.4%	-20.0%	-22.7%
Czech Republic	11.04	10.97	10.94	11.12	11.32	-0.6%	-0.3%	1.6%	1.8%	3.5%
Denmark	23.01	22.95	22.58	22.22	24.32	-0.3%	-1.6%	-1.6%	9.5%	7.7%
Estonia	12.29	12.88	12.28	12.39	11.35	4.8%	-4.7%	0.9%	-8.4%	-7.6%
Finland	13.72	13.43	13.58	13.34	13.32	-2.1%	1.1%	-1.8%	-0.1%	-1.9%
France	14.57	14.91	14.99	15.58	15.70	2.3%	0.5%	3.9%	0.8%	4.7%
Germany	28.29	28.27	28.01	27.97	28.12	-0.1%	-0.9%	-0.1%	0.5%	0.4%
Greece	19.13	18.92	18.95	18.80	18.79	-1.1%	0.2%	-0.8%	-0.1%	-0.8%
Hungary	11.62	11.11	11.03	11.17	10.86	-4.4%	-0.7%	1.3%	-2.8%	-1.5%
Ireland	20.79	21.83	20.40	21.13	19.77	5.0%	-6.6%	3.6%	-6.4%	-3.1%
Italy	30.06	29.35	30.55	30.33	28.31	-2.4%	4.1%	-0.7%	-6.7%	-7.3%
Latvia	14.03	13.93	16.26	16.41	16.19	-0.7%	16.7%	0.9%	-1.3%	-0.4%
Lithuania	12.90	12.84	12.11	12.03	11.86	-0.5%	-5.7%	-0.7%	-1.4%	-2.1%
Luxembourg	16.00	16.00	16.29	16.29	15.61	0.0%	1.8%	0.0%	-4.2%	-4.2%
Malta	16.91	14.61	14.86	14.79	15.00	-13.6%	1.7%	-0.5%	1.4%	0.9%
Netherlands	20.19	19.92	20.84	19.95	17.58	-1.3%	4.6%	-4.3%	-11.9%	-15.6%
Norway	11.65	11.81	11.34	9.87	10.77	1.4%	-4.0%	-13.0%	9.1%	-5.0%
Poland	13.44	13.64	13.81	13.66	12.74	1.5%	1.2%	-1.1%	-6.7%	-7.7%
Portugal	20.58	21.32	21.65	21.71	22.42	3.6%	1.5%	0.3%	3.3%	3.6%
Romania	12.55	12.34	12.85	13.04	12.17	-1.7%	4.1%	1.5%	-6.7%	-5.3%
Slovakia	13.37	13.56	13.13	13.21	12.55	1.4%	-3.2%	0.6%	-5.0%	-4.4%
Slovenia	14.46	14.53	13.97	14.27	14.06	0.5%	-3.9%	2.1%	-1.5%	0.6%
Spain	18.74	21.10	19.90	20.88	19.26	12.6%	-5.7%	4.9%	-7.8%	-3.2%
Sweden	16.28	16.07	15.27	15.47	15.31	-1.3%	-5.0%	1.3%	-1.0%	0.3%
Turkey	11.92	13.17	13.56	12.18	12.67	10.5%	3.0%	-10.2%	4.0%	-6.6%
United Kingdom	17.27	18.17	19.15	20.15	17.97	5.2%	5.4%	5.2%	-10.8%	-6.2%
Euro Area	21.14	21.40	21.36	21.63	21.12	1.2%	-0.2%	1.3%	-2.4%	-1.1%
EU 28	19.42	19.72	19.84	20.18	19.48	1.5%	0.6%	1.7%	-3.5%	-1.8%
Ireland relative to:										
Euro Area	98.3%	102.0%	95.5%	97.7%	93.6%					
EU 28	107.1%	110.7%	102.8%	104.7%	101.5%					

Source: Eurostat

Table 15 Household Electricity Prices in band DE in Europe (S1 2014 to S1 2016) all taxes included

Band DE	all taxes included (c/kWh)					% 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	16.13	15.72	15.18	14.91	15.17	-2.5%	-3.4%	-1.8%	1.7%	-0.1%
Belgium	15.97	15.88	16.13	17.76	17.90	-0.6%	1.6%	10.1%	0.8%	11.0%
Bulgaria	8.29	8.49	9.30	9.57	9.51	2.4%	9.5%	2.9%	-0.6%	2.3%
Croatia	12.17	12.29	12.18	12.19	12.16	1.0%	-0.9%	0.1%	-0.2%	-0.2%
Cyprus	20.75	23.65	17.07	18.48	13.16	14.0%	-27.8%	8.3%	-28.8%	-22.9%
Czech Republic	9.40	9.34	9.38	9.53	10.36	-0.6%	0.4%	1.6%	8.7%	10.4%
Denmark	23.01	22.95	22.58	22.22	22.13	-0.3%	-1.6%	-1.6%	-0.4%	-2.0%
Estonia	11.09	11.99	11.38	11.79	10.44	8.1%	-5.1%	3.6%	-11.5%	-8.3%
Finland	11.72	11.45	11.65	11.40	11.24	-2.3%	1.7%	-2.1%	-1.4%	-3.5%
France	13.17	14.40	14.68	15.30	15.43	9.3%	1.9%	4.2%	0.8%	5.1%
Germany	26.91	27.14	26.76	26.79	26.80	0.9%	-1.4%	0.1%	0.0%	0.1%
Greece	18.81	20.06	18.72	19.61	18.52	6.6%	-6.7%	4.8%	-5.6%	-1.1%
Hungary	12.35	11.51	11.27	11.87	11.28	-6.8%	-2.1%	5.3%	-5.0%	0.1%
Ireland	18.06	18.24	17.38	18.08	17.02	1.0%	-4.7%	4.0%	-5.9%	-2.1%
Italy	32.80	33.37	32.88	34.05	28.73	1.7%	-1.5%	3.6%	-15.6%	-12.6%
Latvia	14.51	14.08	15.98	16.24	15.83	-3.0%	13.5%	1.6%	-2.5%	-0.9%
Lithuania	12.08	12.11	11.30	11.33	11.05	0.2%	-6.7%	0.3%	-2.5%	-2.2%
Luxembourg	14.82	14.86	15.21	15.20	14.55	0.3%	2.4%	-0.1%	-4.3%	-4.3%
Malta	38.03	38.83	36.36	34.56	36.23	2.1%	-6.4%	-5.0%	4.8%	-0.4%
Netherlands	26.78	20.56	26.32	19.77	24.32	-23.2%	28.0%	-24.9%	23.0%	-7.6%
Norway	10.19	10.38	9.91	8.53	9.46	1.9%	-4.5%	-13.9%	10.9%	-4.5%
Poland	13.46	13.68	13.66	13.47	12.67	1.6%	-0.1%	-1.4%	-5.9%	-7.2%
Portugal	19.98	20.08	20.94	20.69	21.54	0.5%	4.3%	-1.2%	4.1%	2.9%
Romania	12.32	12.17	12.50	12.75	11.80	-1.2%	2.7%	2.0%	-7.5%	-5.6%
Slovakia	12.08	12.28	11.69	11.59	11.20	1.7%	-4.8%	-0.9%	-3.4%	-4.2%
Slovenia	12.98	13.09	12.72	12.88	12.66	0.8%	-2.8%	1.3%	-1.7%	-0.5%
Spain	16.65	17.87	18.40	20.02	17.66	7.3%	3.0%	8.8%	-11.8%	-4.0%
Sweden	14.36	13.83	13.38	13.40	13.37	-3.7%	-3.3%	0.1%	-0.2%	-0.1%
Turkey	11.89	13.15	12.80	12.17	12.64	10.6%	-2.7%	-4.9%	3.9%	-1.3%
United Kingdom	15.88	16.79	17.40	18.62	16.27	5.7%	3.6%	7.0%	-12.6%	-6.5%
Euro Area	20.18	20.56	20.70	21.03	20.43	1.9%	0.7%	1.6%	-2.9%	-1.3%
EU 28	18.45	18.81	19.01	19.41	18.62	2.0%	1.1%	2.1%	-4.1%	-2.1%
Ireland relative to:										
Euro Area	89.5%	88.7%	84.0%	86.0%	83.3%					
EU 28	97.9%	97.0%	91.4%	93.1%	91.4%					

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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