

ELECTRICITY & GAS PRICES IN IRELAND

Annex Business Electricity Prices per kWh
2nd Semester (July – December) 2018



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June 2018

Sustainable Energy Authority of Ireland

SEAI is Ireland's national energy authority investing in, and delivering, appropriate, effective and sustainable solutions to help Ireland's transition to a clean energy future. We work with Government, homeowners, businesses and communities to achieve this, through expertise, funding, educational programmes, policy advice, research and the development of new technologies. SEAI is funded by the Government of Ireland through the Department of Communications, Climate Action and Environment.

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.

Acknowledgements

SEAI gratefully acknowledges the cooperation of all the organisations, agencies, energy suppliers and distributors that provided data and responded to questionnaires throughout the year.

Table of Contents

1	Introduction	5
2	Electricity prices to Business in the EU (without taxes)	6
3	Electricity prices to Business in the EU (without VAT)	13
4	Electricity prices to Business in the EU (all taxes incl.)	20

Table of Tables

Table 1: Business Electricity Prices in band IA in Europe (S1 2015 to S1 2017) without taxes	6
Table 2: Business Electricity Prices in band IB in Europe (S1 2015 to S1 2017) without taxes	7
Table 3: Business Electricity Prices in band IC in Europe (S1 2015 to S1 2017) without taxes	8
Table 4: Business Electricity Prices in band ID in Europe (S1 2015 to S1 2017) without taxes	9
Table 5: Business Electricity Prices in band IE in Europe (S1 2015 to S1 2017) without taxes	10
Table 6: Business Electricity Prices in band IF in Europe (S1 2015 to S1 2017) without taxes	11
Table 7: Business Electricity Prices in band IG in Europe (S1 2015 to S1 2017) without taxes	12
Table 8: Business Electricity Prices in band IA in Europe (S1 2015 to S1 2017) without VAT	13
Table 9: Business Electricity Prices in band IB in Europe (S1 2015 to S1 2017) without VAT	14
Table 10: Business Electricity Prices in band IC in Europe (S1 2015 to S1 2017) without VAT	15
Table 11: Business Electricity Prices in band ID in Europe (S1 2015 to S1 2017) without VAT	16
Table 12: Business Electricity Prices in band IE in Europe (S1 2015 to S1 2017) without VAT	17
Table 13: Business Electricity Prices in band IF in Europe (S1 2015 to S1 2017) without VAT	18
Table 14: Business Electricity Prices in band IG in Europe (S1 2015 to S1 2017) without VAT	19
Table 15: Business Electricity Prices in band IA in Europe (S1 2015 to S1 2017) all taxes included	20
Table 16: Business Electricity Prices in band IB in Europe (S1 2015 to S1 2017) all taxes included	21
Table 17: Business Electricity Prices in band IC in Europe (S1 2015 to S1 2017) all taxes included	22
Table 18: Business Electricity Prices in band ID in Europe (S1 2015 to S1 2017) all taxes included	23
Table 19: Business Electricity Prices in band IE in Europe (S1 2015 to S1 2017) all taxes included	24
Table 20: Business Electricity Prices in band IF in Europe (S1 2015 to S1 2017) all taxes included	25
Table 21: Business Electricity Prices in band IG in Europe (S1 2015 to S1 2017) all taxes included	26

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 July – December 2018, i.e. the second semester 2018. 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 25 April 2019.

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 (2018 Report) tracks changes in aggregated energy prices from 2000 based on International Energy Agency (IEA) data available at <http://www.seai.ie/>.

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 Business in the EU (without taxes)

Table 1: Business Electricity Prices in band IA in Europe (S2 2016 to S2 2018) without taxes

Band IA	without taxes (c/kWh)					% change				
	July '16 - Dec '16	Jan '17 - Jun '17	July '17 - Dec '17	Jan '18 - Jun '18	July '18 - Dec '18	S2 '16 - S1 '17	S1 '17 - S2 '17	S2 '17 - S1 '18	S1 '18 - S2 '19	12 months to S2 '18
Austria	11.57	11.54	11.88	12.05	12.27	-0.3%	2.9%	1.4%	1.8%	3.3%
Belgium	14.95	15.42	16.04	17.49	17.80	3.1%	4.0%	9.0%	1.8%	11.0%
Bulgaria	10.82	10.65	11.24	10.43	10.98	-1.6%	5.5%	-7.2%	5.3%	-2.3%
Croatia	11.86	11.76	10.72	11.64	11.82	-0.8%	-8.8%	8.6%	1.5%	10.3%
Cyprus	14.99	16.76	15.67	15.32	18.27	11.8%	-6.5%	-2.2%	19.3%	16.6%
Czech Republic	16.01	16.20	16.78	17.70	17.65	1.2%	3.6%	5.5%	-0.3%	5.2%
Denmark	7.86	9.24	9.34	9.11	9.88	17.6%	1.1%	-2.5%	8.5%	5.8%
Estonia	9.50	9.27	10.01	10.08	11.09	-2.4%	8.0%	0.7%	10.0%	10.8%
Finland	8.17	8.10	8.24	8.45	8.92	-0.9%	1.7%	2.5%	5.6%	8.3%
France	11.15	11.42	11.61	11.55	12.41	2.4%	1.7%	-0.5%	7.4%	6.9%
Germany	12.52	12.03	12.10	13.19	13.10	-3.9%	0.6%	9.0%	-0.7%	8.3%
Greece	14.56	13.63	12.03	11.71	12.48	-6.4%	-11.7%	-2.7%	6.6%	3.7%
Hungary	9.99	9.44	9.43	10.82	10.79	-5.5%	-0.1%	14.7%	-0.3%	14.4%
Ireland	16.00	15.63	16.05	16.32	17.72	-2.3%	2.7%	1.7%	8.6%	10.4%
Italy	16.15	14.50	13.93	13.70	15.02	-10.2%	-3.9%	-1.7%	9.6%	7.8%
Latvia	15.60	15.64	15.68	14.37	14.35	0.3%	0.3%	-8.4%	-0.1%	-8.5%
Lithuania	10.53	9.95	10.07	9.97	11.43	-5.5%	1.2%	-1.0%	14.6%	13.5%
Luxembourg	13.49	10.57	11.05	12.94	12.32	-21.6%	4.5%	17.1%	-4.8%	11.5%
Malta	19.63	19.70	19.38	19.79	19.27	0.4%	-1.6%	2.1%	-2.6%	-0.6%
Netherlands	11.25	12.51	..	..	..	11.2%	..	..	..	..
Norway	6.27	6.59	6.50	7.28	8.43	5.1%	-1.4%	12.0%	15.8%	29.7%
Poland	13.43	12.74	13.00	11.74	11.56	-5.1%	2.0%	-9.7%	-1.5%	-11.1%
Portugal	15.81	12.87	12.85	12.32	11.89	-18.6%	-0.2%	-4.1%	-3.5%	-7.5%
Romania	8.73	8.26	8.47	8.96	9.21	-5.4%	2.5%	5.8%	2.8%	8.7%
Slovakia	19.16	15.38	14.62	15.78	16.56	-19.7%	-4.9%	7.9%	4.9%	13.3%
Slovenia	10.40	9.96	9.92	10.96	10.82	-4.2%	-0.4%	10.5%	-1.3%	9.1%
Spain	23.54	24.41	19.83	27.13	23.26	3.7%	-18.8%	36.8%	-14.3%	17.3%
Sweden	14.56	13.48	14.11	13.72	17.07	-7.4%	4.7%	-2.8%	24.4%	21.0%
Turkey	7.64	6.59	5.92	5.79	6.19	-13.7%	-10.2%	-2.2%	6.9%	4.6%
United Kingdom	11.43	13.01	12.71	13.61	14.26	13.8%	-2.3%	7.1%	4.8%	12.2%
Euro Area	14.14	13.85	13.31	14.43	14.48	-2.1%	-3.9%	8.4%	0.3%	8.8%
EU 28	13.64	13.49	13.12	13.98	14.23	-1.1%	-2.7%	6.6%	1.8%	8.5%
Ireland relative to:										
Euro Area	113.2%	112.9%	120.6%	113.1%	122.4%					
EU 28	117.3%	115.9%	122.3%	116.7%	124.5%					

Source: Eurostat

Table 2: Business Electricity Prices in band IB in Europe (S2 2016 to S2 2018) without taxes

Band IB	without taxes (c/kWh)					% change				
	July'16 - Dec'16	Jan'17 - Jun'17	July'17 - Dec'17	Jan'18 - Jun'18	July'18 - Dec'18	S2'16 - S1'17	S1'17 - S2'17	S2'17 - S1'18	S1'18 - S2'19	12 months to S2'18
Austria	8.75	8.58	8.99	9.16	9.32	-1.9%	4.8%	1.9%	1.7%	3.7%
Belgium	12.23	12.57	11.02	10.51	11.59	2.8%	-12.3%	-4.6%	10.3%	5.2%
Bulgaria	9.36	8.80	9.27	9.32	9.58	-6.0%	5.3%	0.5%	2.8%	3.3%
Croatia	9.95	9.85	9.72	9.97	9.98	-1.0%	-1.3%	2.6%	0.1%	2.7%
Cyprus	13.86	15.30	13.95	13.60	17.59	10.4%	-8.8%	-2.5%	29.3%	26.1%
Czech Republic	11.55	11.06	11.75	12.35	12.82	-4.2%	6.2%	5.1%	3.8%	9.1%
Denmark	6.91	7.84	7.82	8.06	8.70	13.5%	-0.3%	3.1%	7.9%	11.3%
Estonia	8.20	7.87	7.93	8.23	9.02	-4.0%	0.8%	3.8%	9.6%	13.7%
Finland	7.74	7.71	7.53	7.63	7.98	-0.4%	-2.3%	1.3%	4.6%	6.0%
France	8.31	9.23	8.82	9.61	9.08	11.1%	-4.4%	9.0%	-5.5%	2.9%
Germany	9.82	9.97	9.77	9.48	9.65	1.5%	-2.0%	-3.0%	1.8%	-1.2%
Greece	11.21	10.72	11.85	10.04	10.05	-4.4%	10.5%	-15.3%	0.1%	-15.2%
Hungary	8.62	7.87	7.99	9.04	9.08	-8.7%	1.5%	13.1%	0.4%	13.6%
Ireland	13.77	13.43	13.48	13.93	14.77	-2.5%	0.4%	3.3%	6.0%	9.6%
Italy	10.28	10.06	9.67	9.77	10.35	-2.1%	-3.9%	1.0%	5.9%	7.0%
Latvia	10.92	10.78	10.68	10.25	10.41	-1.3%	-0.9%	-4.0%	1.6%	-2.5%
Lithuania	8.43	7.97	7.93	8.08	8.91	-5.5%	-0.5%	1.9%	10.3%	12.4%
Luxembourg	9.30	8.73	8.72	9.15	9.38	-6.1%	-0.1%	4.9%	2.5%	7.6%
Malta	15.57	15.06	15.09	15.05	15.08	-3.3%	0.2%	-0.3%	0.2%	-0.1%
Netherlands	7.97	7.43	7.27	7.42	7.25	-6.8%	-2.2%	2.1%	-2.3%	-0.3%
Norway	6.44	6.17	6.12	6.85	7.90	-4.2%	-0.8%	11.9%	15.3%	29.1%
Poland	10.20	9.53	9.15	9.14	9.06	-6.6%	-4.0%	-0.1%	-0.9%	-1.0%
Portugal	12.38	10.75	10.62	9.96	9.98	-13.2%	-1.2%	-6.2%	0.2%	-6.0%
Romania	7.78	7.61	7.73	8.19	8.45	-2.2%	1.6%	6.0%	3.2%	9.3%
Slovakia	12.99	9.53	9.36	9.71	9.93	-26.6%	-1.8%	3.7%	2.3%	6.1%
Slovenia	8.52	8.12	8.06	8.81	8.85	-4.7%	-0.7%	9.3%	0.5%	9.8%
Spain	13.41	13.04	13.18	11.36	13.51	-2.8%	1.1%	-13.8%	18.9%	2.5%
Sweden	7.59	7.58	7.95	7.89	8.50	-0.1%	4.9%	-0.8%	7.7%	6.9%
Turkey	7.34	6.54	6.13	5.98	6.19	-10.9%	-6.3%	-2.4%	3.5%	1.0%
United Kingdom	10.79	11.41	10.90	11.78	12.09	5.7%	-4.5%	8.1%	2.6%	10.9%
Euro Area	10.06	10.08	9.85	9.68	10.05	0.2%	-2.3%	-1.7%	3.8%	2.0%
EU 28	9.97	9.98	9.78	9.78	10.13	0.1%	-2.0%	0.0%	3.6%	3.6%
Ireland relative to:										
Euro Area	136.9%	133.2%	136.9%	143.9%	147.0%					
EU 28	138.1%	134.6%	137.8%	142.4%	145.8%					

Source: Eurostat

Table 3: Business Electricity Prices in band IC in Europe (S2 2016 to S2 2018) without taxes

Band IC	without taxes (c/kWh)					% change				
	July '16 - Dec '16	Jan '17 - Jun '17	July '17 - Dec '17	Jan '18 - Jun '18	July '18 - Dec '18	S2 '16 - S1 '17	S1 '17 - S2 '17	S2 '17 - S1 '18	S1 '18 - S2 '19	12 months to S2 '18
Austria	6.85	6.21	6.88	7.04	7.19	-9.3%	10.8%	2.3%	2.1%	4.5%
Belgium	8.79	8.16	7.21	7.67	8.27	-7.2%	-11.6%	6.4%	7.8%	14.7%
Bulgaria	7.78	7.53	7.80	8.00	8.35	-3.2%	3.6%	2.6%	4.4%	7.1%
Croatia	8.25	8.21	8.12	8.48	8.67	-0.5%	-1.1%	4.4%	2.2%	6.8%
Cyprus	12.11	12.75	12.58	12.41	17.03	5.3%	-1.3%	-1.4%	37.2%	35.4%
Czech Republic	7.21	6.77	6.99	7.22	7.10	-6.1%	3.2%	3.3%	-1.7%	1.6%
Denmark	6.33	6.16	6.29	5.93	6.51	-2.7%	2.1%	-5.7%	9.8%	3.5%
Estonia	7.55	7.21	6.97	7.31	7.90	-4.5%	-3.3%	4.9%	8.1%	13.3%
Finland	6.24	5.96	6.05	6.11	6.36	-4.5%	1.5%	1.0%	4.1%	5.1%
France	6.55	7.33	6.66	7.37	6.70	11.9%	-9.1%	10.7%	-9.1%	0.6%
Germany	7.93	7.61	7.86	7.71	7.80	-4.0%	3.3%	-1.9%	1.2%	-0.8%
Greece	8.75	8.62	8.70	7.96	7.88	-1.5%	0.9%	-8.5%	-1.0%	-9.4%
Hungary	7.19	6.38	6.49	7.38	7.37	-11.3%	1.7%	13.7%	-0.1%	13.6%
Ireland	11.15	10.95	10.93	11.71	12.40	-1.8%	-0.2%	7.1%	5.9%	13.4%
Italy	8.79	8.29	8.13	8.92	8.85	-5.7%	-1.9%	9.7%	-0.8%	8.9%
Latvia	9.33	9.11	8.91	8.11	8.33	-2.4%	-2.2%	-9.0%	2.7%	-6.5%
Lithuania	7.30	6.96	6.86	7.01	7.62	-4.7%	-1.4%	2.2%	8.7%	11.1%
Luxembourg	7.67	6.96	7.19	7.46	7.54	-9.3%	3.3%	3.8%	1.1%	4.9%
Malta	13.99	13.36	13.49	13.31	13.41	-4.5%	1.0%	-1.3%	0.8%	-0.6%
Netherlands	6.57	6.07	6.03	6.11	6.23	-7.6%	-0.7%	1.3%	2.0%	3.3%
Norway	6.39	6.05	6.01	6.77	7.71	-5.3%	-0.7%	12.6%	13.9%	28.3%
Poland	7.69	6.73	6.51	6.48	6.49	-12.5%	-3.3%	-0.5%	0.2%	-0.3%
Portugal	9.48	8.35	8.37	7.81	8.14	-11.9%	0.2%	-6.7%	4.2%	-2.7%
Romania	6.43	6.42	6.58	7.10	7.34	-0.2%	2.5%	7.9%	3.4%	11.6%
Slovakia	10.67	7.41	7.36	7.90	8.19	-30.6%	-0.7%	7.3%	3.7%	11.3%
Slovenia	6.66	6.19	6.19	6.89	6.98	-7.1%	0.0%	11.3%	1.3%	12.8%
Spain	9.79	10.10	9.82	10.08	10.45	3.2%	-2.8%	2.6%	3.7%	6.4%
Sweden	6.51	6.43	6.42	6.79	7.23	-1.2%	-0.2%	5.8%	6.5%	12.6%
Turkey	7.04	6.15	5.80	5.71	6.01	-12.6%	-5.7%	-1.6%	5.3%	3.6%
United Kingdom	9.70	9.38	8.92	9.70	10.07	-3.3%	-4.9%	8.7%	3.8%	12.9%
Euro Area	8.00	7.85	7.72	7.99	8.00	-1.9%	-1.7%	3.5%	0.1%	3.6%
EU 28	8.02	7.79	7.65	7.96	8.04	-2.9%	-1.8%	4.1%	1.0%	5.1%
Ireland relative to:										
Euro Area	139.4%	139.5%	141.6%	146.6%	155.0%					
EU 28	139.0%	140.6%	142.9%	147.1%	154.2%					

Source: Eurostat

Table 4: Business Electricity Prices in band ID in Europe (S2 2016 to S2 2018) without taxes

Band ID	without taxes (c/kWh)					% change				
	July '16 - Dec '16	Jan '17 - Jun '17	July '17 - Dec '17	Jan '18 - Jun '18	July '18 - Dec '18	S2 '16 - S1 '17	S1 '17 - S2 '17	S2 '17 - S1 '18	S1 '18 - S2 '19	12 months to S2 '18
Austria	5.40	5.53	5.81	5.98	6.27	2.4%	5.1%	2.9%	4.8%	7.9%
Belgium	7.86	7.12	6.28	6.36	7.06	-9.4%	-11.8%	1.3%	11.0%	12.4%
Bulgaria	6.91	6.70	6.95	7.36	7.56	-3.0%	3.7%	5.9%	2.7%	8.8%
Croatia	7.20	7.12	7.06	7.33	7.61	-1.1%	-0.8%	3.8%	3.8%	7.8%
Cyprus	11.23	11.56	12.05	11.71	16.12	2.9%	4.2%	-2.8%	37.7%	33.8%
Czech Republic	6.18	6.10	6.20	6.27	6.25	-1.3%	1.6%	1.1%	-0.3%	0.8%
Denmark	6.18	6.03	6.23	5.89	6.36	-2.4%	3.3%	-5.5%	8.0%	2.1%
Estonia	6.66	6.26	6.07	6.16	6.62	-6.0%	-3.0%	1.5%	7.5%	9.1%
Finland	5.97	5.67	5.80	5.80	6.08	-5.0%	2.3%	0.0%	4.8%	4.8%
France	5.92	6.11	5.67	6.21	5.74	3.2%	-7.2%	9.5%	-7.6%	1.2%
Germany	6.77	6.28	6.45	6.21	6.50	-7.2%	2.7%	-3.7%	4.7%	0.8%
Greece	6.88	7.22	7.50	6.95	6.95	4.9%	3.9%	-7.3%	0.0%	-7.3%
Hungary	6.72	5.93	6.10	6.65	6.75	-11.8%	2.9%	9.0%	1.5%	10.7%
Ireland	9.26	9.15	8.85	9.55	10.18	-1.2%	-3.3%	7.9%	6.6%	15.0%
Italy	8.08	7.60	7.53	7.91	8.27	-5.9%	-0.9%	5.0%	4.6%	9.8%
Latvia	8.04	7.65	7.60	6.76	7.19	-4.9%	-0.7%	-11.1%	6.4%	-5.4%
Lithuania	6.41	6.09	6.04	6.22	6.75	-5.0%	-0.8%	3.0%	8.5%	11.8%
Luxembourg	5.17	5.88	6.03	6.16	6.22	13.7%	2.6%	2.2%	1.0%	3.2%
Malta	12.33	11.88	11.84	11.83	11.80	-3.6%	-0.3%	-0.1%	-0.3%	-0.3%
Netherlands	6.14	6.00	5.95	5.82	6.09	-2.3%	-0.8%	-2.2%	4.6%	2.4%
Norway	5.07	4.86	4.83	5.61	6.54	-4.1%	-0.6%	16.1%	16.6%	35.4%
Poland	6.64	5.79	5.59	5.52	5.54	-12.8%	-3.5%	-1.3%	0.4%	-0.9%
Portugal	8.61	7.67	7.76	7.35	7.65	-10.9%	1.2%	-5.3%	4.1%	-1.4%
Romania	5.94	5.85	6.01	6.50	6.78	-1.5%	2.7%	8.2%	4.3%	12.8%
Slovakia	9.52	6.60	6.66	7.22	7.05	-30.7%	0.9%	8.4%	-2.4%	5.9%
Slovenia	5.93	5.52	5.55	5.98	6.11	-6.9%	0.5%	7.7%	2.2%	10.1%
Spain	8.21	8.38	8.17	9.44	9.04	2.1%	-2.5%	15.5%	-4.2%	10.6%
Sweden	5.52	5.48	5.51	5.61	6.11	-0.7%	0.5%	1.8%	8.9%	10.9%
Turkey	6.37	5.67	5.48	5.33	5.78	-11.0%	-3.4%	-2.7%	8.4%	5.5%
United Kingdom	8.81	9.56	9.11	9.85	10.16	8.5%	-4.7%	8.1%	3.1%	11.5%
Euro Area	7.03	6.77	6.68	6.92	7.01	-3.7%	-1.3%	3.6%	1.3%	4.9%
EU 28	7.07	6.89	6.78	7.04	7.18	-2.5%	-1.6%	3.8%	2.0%	5.9%
Ireland relative to:										
Euro Area	131.7%	135.2%	132.5%	138.0%	145.2%					
EU 28	131.0%	132.8%	130.5%	135.7%	141.8%					

Source: Eurostat

Table 5: Business Electricity Prices in band IE in Europe (S2 2016 to S2 2018) without taxes

Band IE	without taxes (c/kWh)					% change				
	July '16 - Dec '16	Jan '17 - Jun '17	July '17 - Dec '17	Jan '18 - Jun '18	July '18 - Dec '18	S2 '16 - S1 '17	S1 '17 - S2 '17	S2 '17 - S1 '18	S1 '18 - S2 '19	12 months to S2 '18
Austria	5.19	4.77	5.02	5.22	5.67	-8.1%	5.2%	4.0%	8.6%	12.9%
Belgium	6.46	5.83	5.13	5.16	5.98	-9.8%	-12.0%	0.6%	15.9%	16.6%
Bulgaria	6.14	5.39	6.30	6.72	6.67	-12.2%	16.9%	6.7%	-0.7%	5.9%
Croatia	6.14	6.05	6.08	6.47	6.44	-1.5%	0.5%	6.4%	-0.5%	5.9%
Cyprus	10.00	10.78	11.31	11.52	15.76	7.8%	4.9%	1.9%	36.8%	39.3%
Czech Republic	6.38	5.95	6.11	6.20	6.39	-6.7%	2.7%	1.5%	3.1%	4.6%
Denmark	5.05	4.73	4.88	4.97	5.76	-6.3%	3.2%	1.8%	15.9%	18.0%
Estonia	5.89	5.74	5.43	5.76	6.24	-2.5%	-5.4%	6.1%	8.3%	14.9%
Finland	4.70	4.47	4.58	4.66	5.17	-4.9%	2.5%	1.7%	10.9%	12.9%
France	5.67	5.36	5.17	5.54	5.42	-5.5%	-3.5%	7.2%	-2.2%	4.8%
Germany	5.28	4.93	4.59	5.01	5.16	-6.6%	-6.9%	9.2%	3.0%	12.4%
Greece	6.19	6.46	7.59	6.43	7.25	4.4%	17.5%	-15.3%	12.8%	-4.5%
Hungary	6.43	5.55	5.70	5.98	6.27	-13.7%	2.7%	4.9%	4.8%	10.0%
Ireland	7.96	7.88	8.24	8.88	9.51	-1.0%	4.6%	7.8%	7.1%	15.4%
Italy	7.46	7.05	7.12	7.22	7.81	-5.5%	1.0%	1.4%	8.2%	9.7%
Latvia	7.34	7.20	6.92	5.58	5.70	-1.9%	-3.9%	-19.4%	2.2%	-17.6%
Lithuania	5.72	5.44	5.35	5.41	6.22	-4.9%	-1.7%	1.1%	15.0%	16.3%
Luxembourg	4.62	3.96	3.89	4.08	4.25	-14.3%	-1.8%	4.9%	4.2%	9.3%
Malta	11.35	9.89	10.09	9.89	9.86	-12.9%	2.0%	-2.0%	-0.3%	-2.3%
Netherlands	5.81	5.14	5.13	5.19	5.59	-11.5%	-0.2%	1.2%	7.7%	9.0%
Norway	4.01	3.95	4.00	4.86	5.96	-1.5%	1.3%	21.5%	22.6%	49.0%
Poland	5.97	5.13	5.16	5.16	5.32	-14.1%	0.6%	0.0%	3.1%	3.1%
Portugal	7.00	6.72	6.66	6.41	6.93	-4.0%	-0.9%	-3.8%	8.1%	4.1%
Romania	5.16	5.18	5.33	5.91	6.35	0.4%	2.9%	10.9%	7.4%	19.1%
Slovakia	8.75	5.86	6.00	6.39	6.14	-33.0%	2.4%	6.5%	-3.9%	2.3%
Slovenia	5.33	5.01	5.17	5.28	5.57	-6.0%	3.2%	2.1%	5.5%	7.7%
Spain	7.22	7.48	7.32	8.66	8.07	3.6%	-2.1%	18.3%	-6.8%	10.2%
Sweden	5.09	4.60	4.71	4.76	5.50	-9.6%	2.4%	1.1%	15.5%	16.8%
Turkey	5.96	5.12	4.79	4.80	5.34	-14.1%	-6.4%	0.2%	11.3%	11.5%
United Kingdom	8.56	9.95	9.58	9.54	9.79	16.2%	-3.7%	-0.4%	2.6%	2.2%
Euro Area	6.13	5.82	5.69	6.04	6.23	-5.1%	-2.2%	6.2%	3.1%	9.5%
EU 28	6.30	6.10	6.00	6.28	6.50	-3.2%	-1.6%	4.7%	3.5%	8.3%
Ireland relative to:										
Euro Area	129.9%	135.4%	144.8%	147.0%	152.6%					
EU 28	126.3%	129.2%	137.3%	141.4%	146.3%					

Source: Eurostat

Table 6: Business Electricity Prices in band IF in Europe (S2 2016 to S2 2018) without taxes

Band IF	without taxes (c/kWh)					% change				
	July '16 - Dec '16	Jan '17 - Jun '17	July '17 - Dec '17	Jan '18 - Jun '18	July '18 - Dec '18	S2 '16 - S1 '17	S1 '17 - S2 '17	S2 '17 - S1 '18	S1 '18 - S2 '19	12 months to S2 '18
Austria	4.68	4.52	4.42	4.70	5.14	-3.4%	-2.2%	6.3%	9.4%	16.3%
Belgium	6.05	4.97	4.52	4.94	5.97	-17.9%	-9.1%	9.3%	20.9%	32.1%
Bulgaria	5.64	5.23	5.71	6.25	5.96	-7.3%	9.2%	9.5%	-4.6%	4.4%
Croatia	7.13	4.72	4.70	5.76	5.88	-33.8%	-0.4%	22.6%	2.1%	25.1%
Cyprus	8.75	10.50	10.09	10.26	13.97	20.0%	-3.9%	1.7%	36.2%	38.5%
Czech Republic	6.65	6.31	6.40	6.33	6.28	-5.1%	1.4%	-1.1%	-0.8%	-1.9%
Denmark	5.00	4.70	4.87	5.16	5.46	-6.0%	3.6%	6.0%	5.8%	12.1%
Estonia	5.56	5.07	5.62	5.75	6.23	-8.8%	10.8%	2.3%	8.3%	10.9%
Finland	4.64	4.36	4.44	4.75	4.82	-6.0%	1.8%	7.0%	1.5%	8.6%
France	5.18	4.83	4.66	5.14	5.14	-6.8%	-3.5%	10.3%	0.0%	10.3%
Germany	4.09	4.55	4.34	4.57	4.79	11.2%	-4.6%	5.3%	4.8%	10.4%
Greece	4.97	..	..	5.13	5.99	..	..	..	16.8%	..
Hungary	6.60	5.96	6.12	5.98	6.72	-9.7%	2.7%	-2.3%	12.4%	9.8%
Ireland	7.46	7.12	7.21	8.07	8.68	-4.6%	1.3%	11.9%	7.6%	20.4%
Italy	6.16	6.27	5.95	6.24	7.21	1.8%	-5.1%	4.9%	15.5%	21.2%
Latvia	6.17	5.16	5.43	4.68	5.02	-16.4%	5.2%	-13.8%	7.3%	-7.6%
Lithuania	5.59	5.40	5.16	5.20	5.55	-3.4%	-4.4%	0.8%	6.7%	7.6%
Luxembourg	..	..	..	3.43	..	..	..	..	..	..
Malta	9.89	9.53	9.51	9.53	9.51	-3.6%	-0.2%	0.2%	-0.2%	0.0%
Netherlands	5.79	5.00	5.02	5.05	5.76	-13.6%	0.4%	0.6%	14.1%	14.7%
Norway	3.59	3.60	3.59	4.13	5.07	0.3%	-0.3%	15.0%	22.8%	41.2%
Poland	5.50	4.56	4.54	4.44	4.67	-17.1%	-0.4%	-2.2%	5.2%	2.9%
Portugal	6.03	6.40	6.46	5.90	6.34	6.1%	0.9%	-8.7%	7.5%	-1.9%
Romania	5.13	5.04	5.29	5.51	6.30	-1.8%	5.0%	4.2%	14.3%	19.1%
Slovakia	8.57	5.21	5.71	5.52	6.25	-39.2%	9.6%	-3.3%	13.2%	9.5%
Slovenia	5.17	5.00	5.24	5.00	5.31	-3.3%	4.8%	-4.6%	6.2%	1.3%
Spain	6.69	6.94	6.74	6.92	7.86	3.7%	-2.9%	2.7%	13.6%	16.6%
Sweden	4.40	3.91	3.98	4.17	4.80	-11.1%	1.8%	4.8%	15.1%	20.6%
Turkey	6.10	5.06	4.60	4.63	5.31	-17.0%	-9.1%	0.7%	14.7%	15.4%
United Kingdom	8.46	9.99	9.53	9.16	9.20	18.1%	-4.6%	-3.9%	0.4%	-3.5%
Euro Area	5.35	5.31	5.14	5.39	5.88	-0.7%	-3.2%	4.9%	9.1%	14.4%
EU 28	5.68	5.69	5.54	5.69	6.11	0.2%	-2.6%	2.7%	7.4%	10.3%
Ireland relative to:										
Euro Area	139.4%	134.1%	140.3%	149.7%	147.6%					
EU 28	131.3%	125.1%	130.1%	141.8%	142.1%					

Source: Eurostat

Table 7: Business Electricity Prices in band IG in Europe (S2 2016 to S2 2018) without taxes

Band IG	without taxes (c/kWh)					% change				
	July '16 - Dec '16	Jan '17 - Jun '17	July '17 - Dec '17	Jan '18 - Jun '18	July '18 - Dec '18	S2 '16 - S1 '17	S1 '17 - S2 '17	S2 '17 - S1 '18	S1 '18 - S2 '19	12 months to S2 '18
Austria	..	4.18	4.09	4.31	5.37	..	-2.2%	5.4%	24.6%	31.3%
Belgium	..	4.34	4.17	4.74	5.50	..	-3.9%	13.7%	16.0%	31.9%
Bulgaria	5.66	4.93	5.36	5.96	5.41	-12.9%	8.7%	11.2%	-9.2%	0.9%
Croatia	..	..	..	..	..	..	..	..	..	..
Cyprus	..	..	..	..	..	..	..	..	..	..
Czech Republic	..	..	..	6.20	..	..	..	..	..	..
Denmark	..	4.53	4.76	5.17	5.78	..	5.1%	8.6%	11.8%	21.4%
Estonia	..	..	..	..	..	..	..	..	..	..
Finland	..	..	..	..	..	..	..	..	..	..
France	..	4.54	4.49	4.38	4.47	..	-1.1%	-2.4%	2.1%	-0.4%
Germany	..	..	..	..	..	..	..	..	..	..
Greece	..	..	..	4.36	..	..	..	..	..	..
Hungary	6.60	5.93	6.19	5.11	5.62	-10.2%	4.4%	-17.4%	10.0%	-9.2%
Ireland	..	..	..	..	..	..	..	..	..	..
Italy	6.00	7.60	7.49	7.84	7.40	26.7%	-1.4%	4.7%	-5.6%	-1.2%
Latvia	..	..	..	..	..	..	..	..	..	..
Lithuania	..	..	..	..	4.97	..	..	..	..	..
Luxembourg	..	..	..	4.66	..	..	..	..	..	..
Malta	..	..	..	..	..	..	..	..	..	..
Netherlands	5.75	5.31	5.30	5.29	5.82	-7.7%	-0.2%	-0.2%	10.0%	9.8%
Norway	..	4.03	..	..	..	..	..	..	..	..
Poland	5.26	4.12	4.77	5.23	5.74	-21.7%	15.8%	9.6%	9.8%	20.3%
Portugal	..	6.00	5.80	5.09	5.90	..	-3.3%	-12.2%	15.9%	1.7%
Romania	..	..	4.45	4.88	5.39	..	..	9.7%	10.5%	21.1%
Slovakia	6.80	5.16	5.13	5.15	5.66	-24.1%	-0.6%	0.4%	9.9%	10.3%
Slovenia	..	..	..	..	..	..	..	..	..	..
Spain	5.91	6.55	6.44	6.29	7.44	10.8%	-1.7%	-2.3%	18.3%	15.5%
Sweden	..	3.80	3.81	4.14	5.11	..	0.3%	8.7%	23.4%	34.1%
Turkey	5.47	4.75	4.42	4.37	5.28	-13.2%	-6.9%	-1.1%	20.8%	19.5%
United Kingdom	8.26	8.85	8.45	8.55	9.08	7.1%	-4.5%	1.2%	6.2%	7.5%
Euro Area	5.96	5.77	5.71	5.65	6.01	-3.2%	-1.0%	-1.1%	6.4%	5.3%
EU 28	6.41	5.93	5.86	5.89	6.29	-7.5%	-1.2%	..	..	7.3%
Ireland relative to:										
Euro Area	..	..	..	..	..	..	..	..	..	..
EU 28	..	..	..	..	..	..	..	..	..	..

Source: Eurostat

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

Table 8: Business Electricity Prices in band IA in Europe (S2 2016 to S2 2018) without VAT

Band IA	without VAT (c/kWh)					% change				
	July '16 - Dec '16	Jan '17 - Jun '17	July '17 - Dec '17	Jan '18 - Jun '18	July '18 - Dec '18	S2 '16 - S1 '17	S1 '17 - S2 '17	S2 '17 - S1 '18	S1 '18 - S2 '19	12 months to S2 '18
Austria	16.06	15.85	15.84	15.83	15.98	-1.3%	-0.1%	-0.1%	0.9%	0.9%
Belgium	19.60	20.44	21.45	22.60	23.87	4.3%	4.9%	5.4%	5.6%	11.3%
Bulgaria	10.93	10.75	11.34	10.53	11.08	-1.6%	5.5%	-7.1%	5.2%	-2.3%
Croatia	12.40	12.70	11.80	13.13	13.31	2.4%	-7.1%	11.3%	1.4%	12.8%
Cyprus	15.83	18.05	17.01	16.96	19.35	14.0%	-5.8%	-0.3%	14.1%	13.8%
Czech Republic	16.12	16.31	16.88	17.81	17.76	1.2%	3.5%	5.5%	-0.3%	5.2%
Denmark	18.30	19.18	19.16	18.87	18.84	4.8%	-0.1%	-1.5%	-0.2%	-1.7%
Estonia	10.91	10.76	11.50	11.42	12.43	-1.4%	6.9%	-0.7%	8.8%	8.1%
Finland	8.88	8.81	8.95	9.15	9.63	-0.8%	1.6%	2.2%	5.2%	7.6%
France	14.49	14.93	15.14	15.08	16.21	3.0%	1.4%	-0.4%	7.5%	7.1%
Germany	21.58	22.13	21.99	22.63	22.34	2.5%	-0.6%	2.9%	-1.3%	1.6%
Greece	19.47	18.32	17.06	16.23	17.75	-5.9%	-6.9%	-4.9%	9.4%	4.0%
Hungary	10.76	10.79	10.73	11.84	11.64	0.3%	-0.6%	10.3%	-1.7%	8.5%
Ireland	19.61	19.03	19.88	20.27	21.11	-3.0%	4.5%	2.0%	4.1%	6.2%
Italy	26.51	22.62	21.74	21.43	22.63	-14.7%	-3.9%	-1.4%	5.6%	4.1%
Latvia	18.28	18.32	18.36	19.65	18.42	0.2%	0.2%	7.0%	-6.3%	0.3%
Lithuania	12.06	11.37	11.49	11.35	12.82	-5.7%	1.1%	-1.2%	13.0%	11.6%
Luxembourg	16.34	13.00	13.67	15.16	14.63	-20.4%	5.2%	10.9%	-3.5%	7.0%
Malta	19.63	19.85	19.53	19.94	19.42	1.1%	-1.6%	2.1%	-2.6%	-0.6%
Netherlands	14.18	16.15	..	..	..	13.9%	..	..	..	..
Norway	8.02	8.51	8.36	9.12	10.26	6.1%	-1.8%	9.1%	12.5%	22.7%
Poland	13.89	15.32	15.88	14.73	14.68	10.3%	3.7%	-7.2%	-0.3%	-7.6%
Portugal	19.92	20.07	20.03	20.53	19.81	0.8%	-0.2%	2.5%	-3.5%	-1.1%
Romania	9.99	9.49	9.74	10.14	10.45	-5.0%	2.6%	4.1%	3.1%	7.3%
Slovakia	19.61	19.15	18.39	19.54	20.38	-2.3%	-4.0%	6.3%	4.3%	10.8%
Slovenia	13.72	12.98	12.92	14.18	13.93	-5.4%	-0.5%	9.8%	-1.8%	7.8%
Spain	24.74	25.65	20.85	28.52	24.45	3.7%	-18.7%	36.8%	-14.3%	17.3%
Sweden	14.61	13.53	14.16	13.77	17.12	-7.4%	4.7%	-2.8%	24.3%	20.9%
Turkey	7.87	6.78	6.13	5.97	6.39	-13.9%	-9.6%	-2.6%	7.0%	4.2%
United Kingdom	14.64	15.98	16.01	17.07	17.98	9.2%	0.2%	6.6%	5.3%	12.3%
Euro Area	19.82	19.66	19.01	19.97	20.07	-0.8%	-3.3%	5.0%	0.5%	5.6%
EU 28	18.26	18.30	17.91	18.67	18.97	0.2%	-2.1%	4.2%	1.6%	5.9%
Ireland relative to:										
Euro Area	98.9%	96.8%	104.6%	101.5%	105.2%					
EU 28	107.4%	104.0%	111.0%	108.6%	111.3%					

Source: Eurostat

Table 9: Business Electricity Prices in band IB in Europe (S2 2016 to S2 2018) without VAT

Band IB	without VAT (c/kWh)					% change				
	July '16 - Dec '16	Jan '17 - Jun '17	July '17 - Dec '17	Jan '18 - Jun '18	July '18 - Dec '18	S2 '16 - S1 '17	S1 '17 - S2 '17	S2 '17 - S1 '18	S1 '18 - S2 '19	12 months to S2 '18
Austria	12.10	11.92	12.19	12.19	12.34	-1.5%	2.3%	0.0%	1.2%	1.2%
Belgium	15.75	16.02	15.53	14.10	15.39	1.7%	-3.1%	-9.2%	9.1%	-0.9%
Bulgaria	9.46	8.91	9.38	9.42	9.68	-5.8%	5.3%	0.4%	2.8%	3.2%
Croatia	10.48	10.39	10.81	11.45	11.45	-0.9%	4.0%	5.9%	0.0%	5.9%
Cyprus	14.70	16.65	15.29	15.24	18.67	13.3%	-8.2%	-0.3%	22.5%	22.1%
Czech Republic	11.65	11.17	11.86	12.46	12.93	-4.1%	6.2%	5.1%	3.8%	9.0%
Denmark	9.98	10.17	10.02	10.24	10.10	1.9%	-1.5%	2.2%	-1.4%	0.8%
Estonia	9.61	9.37	9.42	9.57	10.36	-2.5%	0.5%	1.6%	8.3%	10.0%
Finland	8.44	8.41	8.23	8.33	8.69	-0.4%	-2.1%	1.2%	4.3%	5.6%
France	11.11	12.26	11.81	12.63	12.05	10.4%	-3.7%	6.9%	-4.6%	2.0%
Germany	17.23	17.83	17.61	17.21	17.42	3.5%	-1.2%	-2.3%	1.2%	-1.1%
Greece	15.44	14.46	16.21	13.98	14.77	-6.3%	12.1%	-13.8%	5.7%	-8.9%
Hungary	9.39	9.22	9.29	10.07	9.93	-1.8%	0.8%	8.4%	-1.4%	6.9%
Ireland	15.38	15.03	15.12	15.65	16.10	-2.3%	0.6%	3.5%	2.9%	6.5%
Italy	18.15	17.46	17.02	15.92	16.81	-3.8%	-2.5%	-6.5%	5.6%	-1.2%
Latvia	13.60	13.46	13.35	12.98	12.89	-1.0%	-0.8%	-2.8%	-0.7%	-3.4%
Lithuania	9.94	9.38	9.34	9.35	10.29	-5.6%	-0.4%	0.1%	10.1%	10.2%
Luxembourg	10.16	10.07	9.86	10.30	10.62	-0.9%	-2.1%	4.5%	3.1%	7.7%
Malta	15.57	15.21	15.24	15.20	15.23	-2.3%	0.2%	-0.3%	0.2%	-0.1%
Netherlands	10.21	13.66	9.33	14.36	10.56	33.8%	-31.7%	53.9%	-26.5%	13.2%
Norway	8.18	7.25	7.17	7.89	8.93	-11.4%	-1.1%	10.0%	13.2%	24.5%
Poland	10.66	11.40	11.26	11.41	11.41	6.9%	-1.2%	1.3%	0.0%	1.3%
Portugal	14.99	15.39	15.20	14.92	14.95	2.7%	-1.2%	-1.8%	0.2%	-1.6%
Romania	9.06	8.88	9.01	9.40	9.76	-2.0%	1.5%	4.3%	3.8%	8.3%
Slovakia	13.44	13.30	13.13	13.47	13.75	-1.0%	-1.3%	2.6%	2.1%	4.7%
Slovenia	10.26	9.89	9.82	10.56	10.59	-3.6%	-0.7%	7.5%	0.3%	7.8%
Spain	14.10	13.70	13.85	11.94	14.20	-2.8%	1.1%	-13.8%	18.9%	2.5%
Sweden	7.64	7.63	8.00	7.94	8.54	-0.1%	4.8%	-0.8%	7.6%	6.8%
Turkey	7.55	6.74	6.34	6.16	6.39	-10.7%	-5.9%	-2.8%	3.7%	0.8%
United Kingdom	14.24	14.49	14.26	15.16	15.91	1.8%	-1.6%	6.3%	4.9%	11.6%
Euro Area	14.53	14.95	14.51	14.36	14.60	2.9%	-2.9%	-1.0%	1.7%	0.6%
EU 28	13.66	14.01	13.69	13.72	14.00	2.6%	-2.3%	0.2%	2.0%	2.3%
Ireland relative to:										
Euro Area	105.8%	100.5%	104.2%	109.0%	110.3%					
EU 28	112.6%	107.3%	110.4%	114.1%	115.0%					

Source: Eurostat

Table 10: Business Electricity Prices in band IC in Europe (S2 2016 to S2 2018) without VAT

Band IC	without VAT (c/kWh)					% change				
	July '16 - Dec '16	Jan '17 - Jun '17	July '17 - Dec '17	Jan '18 - Jun '18	July '18 - Dec '18	S2 '16 - S1 '17	S1 '17 - S2 '17	S2 '17 - S1 '18	S1 '18 - S2 '19	12 months to S2 '18
Austria	10.04	9.30	9.97	9.97	10.11	-7.4%	7.2%	0.0%	1.4%	1.4%
Belgium	11.58	11.04	10.87	10.85	11.42	-4.7%	-1.5%	-0.2%	5.3%	5.1%
Bulgaria	7.88	7.63	7.90	8.10	8.46	-3.2%	3.5%	2.5%	4.4%	7.1%
Croatia	8.77	8.74	9.20	9.94	10.13	-0.3%	5.3%	8.0%	1.9%	10.1%
Cyprus	12.95	14.14	13.92	14.05	18.11	9.2%	-1.6%	0.9%	28.9%	30.1%
Czech Republic	7.32	6.88	7.10	7.33	7.21	-6.0%	3.2%	3.2%	-1.6%	1.5%
Denmark	9.36	8.45	8.46	8.07	7.88	-9.7%	0.1%	-4.6%	-2.4%	-6.9%
Estonia	8.96	8.70	8.46	8.65	9.24	-2.9%	-2.8%	2.2%	6.8%	9.2%
Finland	6.94	6.67	6.76	6.81	7.07	-3.9%	1.3%	0.7%	3.8%	4.6%
France	9.03	9.78	9.20	9.82	8.89	8.3%	-5.9%	6.7%	-9.5%	-3.4%
Germany	14.92	15.19	15.14	14.99	15.16	1.8%	-0.3%	-1.0%	1.1%	0.1%
Greece	11.15	10.73	11.90	10.29	10.59	-3.8%	10.9%	-13.5%	2.9%	-11.0%
Hungary	7.96	7.72	7.79	8.40	8.22	-3.0%	0.9%	7.8%	-2.1%	5.5%
Ireland	12.45	12.37	12.41	13.21	13.49	-0.6%	0.3%	6.4%	2.1%	8.7%
Italy	15.56	14.77	14.49	14.23	14.34	-5.1%	-1.9%	-1.8%	0.8%	-1.0%
Latvia	12.01	11.79	11.59	10.39	10.47	-1.8%	-1.7%	-10.4%	0.8%	-9.7%
Lithuania	8.82	8.37	8.25	8.38	8.99	-5.1%	-1.4%	1.6%	7.3%	9.0%
Luxembourg	8.58	7.80	8.03	8.33	8.46	-9.1%	2.9%	3.7%	1.6%	5.4%
Malta	13.99	13.51	13.64	13.46	13.56	-3.4%	1.0%	-1.3%	0.7%	-0.6%
Netherlands	8.05	8.22	7.64	8.63	8.09	2.1%	-7.1%	13.0%	-6.3%	5.9%
Norway	8.13	7.11	7.03	7.78	8.72	-12.5%	-1.1%	10.7%	12.1%	24.0%
Poland	8.15	8.66	8.62	8.76	8.84	6.3%	-0.5%	1.6%	0.9%	2.6%
Portugal	11.32	11.45	11.47	11.23	11.70	1.1%	0.2%	-2.1%	4.2%	2.0%
Romania	7.71	7.69	7.86	8.31	8.66	-0.3%	2.2%	5.7%	4.2%	10.2%
Slovakia	11.12	11.18	11.13	11.66	12.01	0.5%	-0.4%	4.8%	3.0%	7.9%
Slovenia	8.32	7.84	7.84	8.60	8.66	-5.8%	0.0%	9.7%	0.7%	10.5%
Spain	10.29	10.61	10.32	10.59	10.98	3.1%	-2.7%	2.6%	3.7%	6.4%
Sweden	6.56	6.48	6.47	6.84	7.27	-1.2%	-0.2%	5.7%	6.3%	12.4%
Turkey	7.25	6.34	6.01	5.89	6.21	-12.6%	-5.2%	-2.0%	5.4%	3.3%
United Kingdom	12.78	12.64	12.46	13.37	14.23	-1.1%	-1.4%	7.3%	6.4%	14.2%
Euro Area	11.95	12.03	11.84	11.94	11.92	0.7%	-1.6%	0.8%	-0.2%	0.7%
EU 28	11.29	11.33	11.18	11.39	11.49	0.4%	-1.3%	1.9%	0.9%	2.8%
Ireland relative to:										
Euro Area	104.2%	102.8%	104.8%	110.6%	113.2%					
EU 28	110.3%	109.2%	111.0%	116.0%	117.4%					

Source: Eurostat

Table 11: Business Electricity Prices in band ID in Europe (S2 2016 to S2 2018) without VAT

Band ID	without VAT (c/kWh)					% change				
	July '16 - Dec '16	Jan '17 - Jun '17	July '17 - Dec '17	Jan '18 - Jun '18	July '18 - Dec '18	S2 '16 - S1 '17	S1 '17 - S2 '17	S2 '17 - S1 '18	S1 '18 - S2 '19	12 months to S2 '18
Austria	7.95	8.14	8.43	8.46	8.76	2.4%	3.6%	0.4%	3.5%	3.9%
Belgium	9.79	9.15	9.10	8.83	9.51	-6.5%	-0.5%	-3.0%	7.7%	4.5%
Bulgaria	7.01	6.81	7.05	7.46	7.66	-2.9%	3.5%	5.8%	2.7%	8.7%
Croatia	7.68	7.61	8.07	8.69	8.96	-0.9%	6.0%	7.7%	3.1%	11.0%
Cyprus	12.07	12.95	13.39	13.35	17.20	7.3%	3.4%	-0.3%	28.8%	28.5%
Czech Republic	6.29	6.20	6.30	6.38	6.36	-1.4%	1.6%	1.3%	-0.3%	1.0%
Denmark	9.09	8.26	8.30	7.95	7.69	-9.1%	0.5%	-4.2%	-3.3%	-7.3%
Estonia	8.06	7.74	7.55	7.49	7.95	-4.0%	-2.5%	-0.8%	6.1%	5.3%
Finland	6.67	6.38	6.51	6.50	6.79	-4.3%	2.0%	-0.2%	4.5%	4.3%
France	7.56	7.84	7.41	7.73	7.24	3.7%	-5.5%	4.3%	-6.3%	-2.3%
Germany	12.62	12.68	12.70	12.20	12.44	0.5%	0.2%	-3.9%	2.0%	-2.0%
Greece	8.62	9.02	9.99	8.77	8.97	4.6%	10.8%	-12.2%	2.3%	-10.2%
Hungary	7.49	7.28	7.40	7.68	7.60	-2.8%	1.6%	3.8%	-1.0%	2.7%
Ireland	10.19	10.32	10.06	10.81	11.08	1.3%	-2.5%	7.5%	2.5%	10.1%
Italy	14.35	13.44	13.24	11.90	12.16	-6.3%	-1.5%	-10.1%	2.2%	-8.2%
Latvia	10.72	10.33	10.27	8.64	9.04	-3.6%	-0.6%	-15.9%	4.6%	-12.0%
Lithuania	7.91	7.49	7.44	7.58	8.08	-5.3%	-0.7%	1.9%	6.6%	8.6%
Luxembourg	5.44	6.51	6.62	6.74	6.86	19.7%	1.7%	1.8%	1.8%	3.6%
Malta	12.33	12.03	11.99	11.98	11.95	-2.4%	-0.3%	-0.1%	-0.3%	-0.3%
Netherlands	7.66	7.74	7.58	7.79	7.97	1.0%	-2.1%	2.8%	2.3%	5.1%
Norway	6.82	5.91	5.84	6.61	7.54	-13.3%	-1.2%	13.2%	14.1%	29.1%
Poland	7.10	7.62	7.56	7.77	7.81	7.3%	-0.8%	2.8%	0.5%	3.3%
Portugal	10.27	10.31	10.43	10.48	10.90	0.4%	1.2%	0.5%	4.0%	4.5%
Romania	7.21	7.13	7.30	7.72	8.12	-1.1%	2.4%	5.8%	5.2%	11.2%
Slovakia	9.97	10.37	10.43	10.98	10.87	4.0%	0.6%	5.3%	-1.0%	4.2%
Slovenia	7.17	6.71	6.75	7.18	7.31	-6.4%	0.6%	6.4%	1.8%	8.3%
Spain	8.63	8.81	8.59	9.92	9.50	2.1%	-2.5%	15.5%	-4.2%	10.6%
Sweden	5.57	5.53	5.56	5.66	6.16	-0.7%	0.5%	1.8%	8.8%	10.8%
Turkey	6.58	5.85	5.68	5.51	5.98	-11.1%	-2.9%	-3.0%	8.5%	5.3%
United Kingdom	11.79	12.07	11.85	12.71	13.36	2.4%	-1.8%	7.3%	5.1%	12.7%
Euro Area	10.34	10.28	10.18	10.04	10.09	-0.6%	-1.0%	-1.4%	0.5%	-0.9%
EU 28	9.87	9.86	9.77	9.78	9.92	-0.1%	-0.9%	0.1%	1.4%	1.5%
Ireland relative to:										
Euro Area	98.5%	100.4%	98.8%	107.7%	109.8%					
EU 28	103.2%	104.7%	103.0%	110.5%	111.7%					

Source: Eurostat

Table 12: Business Electricity Prices in band IE in Europe (S2 2016 to S2 2018) without VAT

Band IE	without VAT (c/kWh)					% change				
	July '16 - Dec '16	Jan '17 - Jun '17	July '17 - Dec '17	Jan '18 - Jun '18	July '18 - Dec '18	S2 '16 - S1 '17	S1 '17 - S2 '17	S2 '17 - S1 '18	S1 '18 - S2 '19	12 months to S2 '18
Austria	7.31	6.99	7.30	7.42	7.87	-4.4%	4.4%	1.6%	6.1%	7.8%
Belgium	7.85	7.21	7.04	6.80	7.73	-8.2%	-2.4%	-3.4%	13.7%	9.8%
Bulgaria	6.24	5.50	6.40	6.83	6.77	-11.9%	16.4%	6.7%	-0.9%	5.8%
Croatia	6.43	6.36	6.74	7.15	7.29	-1.1%	6.0%	6.1%	2.0%	8.2%
Cyprus	10.84	12.17	12.65	13.16	16.84	12.3%	3.9%	4.0%	28.0%	33.1%
Czech Republic	6.48	6.06	6.22	6.32	6.50	-6.5%	2.6%	1.6%	2.8%	4.5%
Denmark	7.85	6.87	6.87	6.95	7.05	-12.5%	0.0%	1.2%	1.4%	2.6%
Estonia	7.23	7.16	6.90	7.08	7.56	-1.0%	-3.6%	2.6%	6.8%	9.6%
Finland	5.41	5.17	5.28	5.37	5.88	-4.4%	2.1%	1.7%	9.5%	11.4%
France	6.50	6.32	6.16	6.41	6.29	-2.8%	-2.5%	4.1%	-1.9%	2.1%
Germany	9.65	9.72	8.87	8.60	8.79	0.7%	-8.7%	-3.0%	2.2%	-0.9%
Greece	7.23	7.66	9.32	7.52	8.39	5.9%	21.7%	-19.3%	11.6%	-10.0%
Hungary	7.20	6.89	7.00	7.01	7.12	-4.3%	1.6%	0.1%	1.6%	1.7%
Ireland	8.57	8.89	9.32	10.04	10.25	3.7%	4.8%	7.7%	2.1%	10.0%
Italy	12.60	12.04	11.75	9.43	9.77	-4.4%	-2.4%	-19.7%	3.6%	-16.9%
Latvia	10.02	9.88	9.60	7.47	7.52	-1.4%	-2.8%	-22.2%	0.7%	-21.7%
Lithuania	7.24	6.85	6.75	6.78	7.61	-5.4%	-1.5%	0.4%	12.2%	12.7%
Luxembourg	4.70	4.01	3.92	4.11	4.29	-14.7%	-2.2%	4.8%	4.4%	9.4%
Malta	11.35	10.04	10.24	10.04	10.01	-11.5%	2.0%	-2.0%	-0.3%	-2.2%
Netherlands	5.87	6.14	5.19	6.22	5.69	4.6%	-15.5%	19.8%	-8.5%	9.6%
Norway	5.76	5.00	5.02	5.86	6.96	-13.2%	0.4%	16.7%	18.8%	38.6%
Poland	6.43	6.82	7.03	7.24	7.48	6.1%	3.1%	3.0%	3.3%	6.4%
Portugal	8.69	8.77	8.68	8.91	9.63	0.9%	-1.0%	2.6%	8.1%	10.9%
Romania	6.34	6.36	6.51	7.00	7.57	0.3%	2.4%	7.5%	8.1%	16.3%
Slovakia	9.20	9.63	9.77	10.15	9.96	4.7%	1.5%	3.9%	-1.9%	1.9%
Slovenia	6.32	5.85	6.04	6.05	6.36	-7.4%	3.2%	0.2%	5.1%	5.3%
Spain	7.59	7.87	7.70	9.10	8.48	3.7%	-2.2%	18.2%	-6.8%	10.1%
Sweden	5.15	4.65	4.76	4.81	5.55	-9.7%	2.4%	1.1%	15.4%	16.6%
Turkey	6.17	5.31	4.97	4.98	5.53	-13.9%	-6.4%	0.2%	11.0%	11.3%
United Kingdom	11.51	12.01	11.81	12.07	12.46	4.3%	-1.7%	2.2%	3.2%	5.5%
Euro Area	8.57	8.50	8.17	7.97	8.08	-0.8%	-3.9%	-2.4%	1.4%	-1.1%
EU 28	8.46	8.42	8.19	8.11	8.28	-0.5%	-2.7%	-1.0%	2.1%	1.1%
Ireland relative to:										
Euro Area	100.0%	104.6%	114.1%	126.0%	126.9%					
EU 28	101.3%	105.6%	113.8%	123.8%	123.8%					

Source: Eurostat

Table 13: Business Electricity Prices in band IF in Europe (S2 2016 to S2 2018) without VAT

Band IF	without VAT (c/kWh)					% change				
	July '16 - Dec '16	Jan '17 - Jun '17	July '17 - Dec '17	Jan '18 - Jun '18	July '18 - Dec '18	S2 '16 - S1 '17	S1 '17 - S2 '17	S2 '17 - S1 '18	S1 '18 - S2 '19	12 months to S2 '18
Austria	6.53	6.71	6.51	6.77	7.19	2.8%	-3.0%	4.0%	6.2%	10.4%
Belgium	6.88	5.66	5.74	5.96	7.19	-17.7%	1.4%	3.8%	20.6%	25.3%
Bulgaria	5.74	5.33	5.81	6.36	6.06	-7.1%	9.0%	9.5%	-4.7%	4.3%
Croatia	7.33	5.04	4.79	5.88	6.00	-31.2%	-5.0%	22.8%	2.0%	25.3%
Cyprus	9.59	11.89	11.43	11.90	15.05	24.0%	-3.9%	4.1%	26.5%	31.7%
Czech Republic	6.75	6.41	6.51	6.44	6.39	-5.0%	1.6%	-1.1%	-0.8%	-1.8%
Denmark	7.77	6.81	6.85	7.18	6.80	-12.4%	0.6%	4.8%	-5.3%	-0.7%
Estonia	6.96	6.55	7.04	7.02	7.50	-5.9%	7.5%	-0.3%	6.8%	6.5%
Finland	5.35	5.06	5.15	5.45	5.53	-5.4%	1.8%	5.8%	1.5%	7.4%
France	5.47	5.28	5.18	5.81	5.73	-3.5%	-1.9%	12.2%	-1.4%	10.6%
Germany	8.77	10.62	9.30	8.84	9.08	21.1%	-12.4%	-4.9%	2.7%	-2.4%
Greece	5.88	..	..	5.98	7.03	..	..	..	17.6%	..
Hungary	7.36	7.30	7.42	7.00	7.57	-0.8%	1.6%	-5.7%	8.1%	2.0%
Ireland	7.80	7.97	8.05	9.15	9.65	2.2%	1.0%	13.7%	5.5%	19.9%
Italy	9.56	9.09	8.34	7.10	7.55	-4.9%	-8.3%	-14.9%	6.3%	-9.5%
Latvia	8.85	7.84	8.11	6.43	6.78	-11.4%	3.4%	-20.7%	5.4%	-16.4%
Lithuania	7.09	6.79	6.54	6.56	6.90	-4.2%	-3.7%	0.3%	5.2%	5.5%
Luxembourg	..	..	..	3.44	..	..	..	..	..	..
Malta	9.89	9.68	9.66	9.68	9.66	-2.1%	-0.2%	0.2%	-0.2%	0.0%
Netherlands	5.86	5.48	5.09	5.44	5.84	-6.5%	-7.1%	6.9%	7.4%	14.7%
Norway	5.34	3.60	3.59	4.13	5.07	-32.6%	-0.3%	15.0%	22.8%	41.2%
Poland	5.96	6.52	6.20	6.05	6.80	9.4%	-4.9%	-2.4%	12.4%	9.7%
Portugal	8.14	8.14	8.21	8.16	8.77	0.0%	0.9%	-0.6%	7.5%	6.8%
Romania	6.32	6.22	6.41	6.67	7.51	-1.6%	3.1%	4.1%	12.6%	17.2%
Slovakia	9.02	8.98	9.48	9.28	10.07	-0.4%	5.6%	-2.1%	8.5%	6.2%
Slovenia	5.90	5.58	5.82	5.63	5.95	-5.4%	4.3%	-3.3%	5.7%	2.2%
Spain	7.03	7.30	7.08	7.27	8.27	3.8%	-3.0%	2.7%	13.8%	16.8%
Sweden	4.45	3.97	4.04	4.22	4.85	-10.8%	1.8%	4.5%	14.9%	20.0%
Turkey	6.31	5.24	4.78	4.80	5.51	-17.0%	-8.8%	0.4%	14.8%	15.3%
United Kingdom	11.35	11.86	11.52	11.64	11.82	4.5%	-2.9%	1.0%	1.5%	2.6%
Euro Area	7.48	7.86	7.33	7.16	7.57	5.1%	-6.7%	-2.3%	5.7%	3.3%
EU 28	7.60	7.90	7.47	7.37	7.77	3.9%	-5.4%	-1.3%	5.4%	4.0%
Ireland relative to:										
Euro Area	104.3%	101.4%	109.8%	127.8%	127.5%					
EU 28	102.6%	100.9%	107.8%	124.2%	124.2%					

Source: Eurostat

Table 14: Business Electricity Prices in band IG in Europe (S2 2016 to S2 2018) without VAT

Band IG	without VAT (c/kWh)					% change				
	July '16 - Dec '16	Jan '17 - Jun '17	July '17 - Dec '17	Jan '18 - Jun '18	July '18 - Dec '18	S2 '16 - S1 '17	S1 '17 - S2 '17	S2 '17 - S1 '18	S1 '18 - S2 '19	12 months to S2 '18
Austria	..	6.13	6.01	6.22	7.26	..	-2.0%	3.5%	16.7%	20.8%
Belgium	..	4.50	4.56	5.30	5.91	..	1.3%	16.2%	11.5%	29.6%
Bulgaria	5.76	5.03	5.47	6.06	5.52	-12.7%	8.7%	10.8%	-8.9%	0.9%
Croatia	..	..	..	..	..	..	..	..	..	..
Cyprus	..	..	..	..	..	..	..	..	..	..
Czech Republic	..	..	..	6.32	..	..	..	..	..	..
Denmark	..	6.61	6.79	7.17	6.85	..	2.7%	5.6%	-4.5%	0.9%
Estonia	..	..	..	..	..	..	..	..	..	..
Finland	..	..	..	..	..	..	..	..	..	..
France	..	4.66	4.67	4.61	4.55	..	0.2%	-1.3%	-1.3%	-2.6%
Germany	..	..	..	..	..	..	..	..	..	..
Greece	..	..	..	4.65	..	..	..	..	..	..
Hungary	7.37	7.28	7.49	6.13	6.47	-1.2%	2.9%	-18.2%	5.5%	-13.6%
Ireland	..	..	..	..	..	..	..	..	..	..
Italy	7.88	8.86	8.80	8.39	7.87	12.4%	-0.7%	-4.7%	-6.2%	-10.6%
Latvia	..	..	..	..	..	..	..	..	..	..
Lithuania	..	..	..	..	6.32	..	..	..	..	..
Luxembourg	..	..	..	4.73	..	..	..	..	..	..
Malta	..	..	..	..	..	..	..	..	..	..
Netherlands	5.81	5.51	5.37	5.39	5.89	-5.2%	-2.5%	0.4%	9.3%	9.7%
Norway	..	4.03	..	..	..	..	..	..	..	..
Poland	5.72	5.66	6.53	7.23	7.81	-1.0%	15.4%	10.7%	8.0%	19.6%
Portugal	..	7.50	7.26	6.79	7.87	..	-3.2%	-6.5%	15.9%	8.4%
Romania	..	..	5.19	5.60	6.18	..	..	7.9%	10.4%	19.1%
Slovakia	7.25	8.93	8.90	8.91	9.48	23.2%	-0.3%	0.1%	6.4%	6.5%
Slovenia	..	..	..	..	..	..	..	..	..	..
Spain	6.21	6.89	6.77	6.61	7.82	11.0%	-1.7%	-2.4%	18.3%	15.5%
Sweden	..	3.85	3.86	4.18	5.16	..	0.3%	8.3%	23.4%	33.7%
Turkey	5.68	4.94	4.60	4.54	5.49	-13.0%	-6.9%	-1.3%	20.9%	19.3%
United Kingdom	11.01	10.66	10.37	10.88	11.44	-3.2%	-2.7%	4.9%	5.1%	10.3%
Euro Area	6.94	6.45	6.47	6.21	6.52	-7.1%	0.3%	-4.0%	5.0%	0.8%
EU 28	7.71	6.83	6.81	6.75	7.12	-11.4%	-0.3%	-0.9%	5.5%	4.6%
Ireland relative to:										
Euro Area	..	..	..	..	..
EU 28	..	..	..	..	..

Source: Eurostat

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

Table 15: Business Electricity Prices in band IA in Europe (S2 2016 to S2 2018) all taxes included

Band IA	all taxes included (c/kWh)					% change				
	July'16 - Dec'16	Jan'17 - Jun'17	July'17 - Dec'17	Jan'18 - Jun'18	July'18 - Dec'18	S2'16 - S1'17	S1'17 - S2'17	S2'17 - S1'18	S1'18 - S2'19	12 months to S2'18
Austria	19.81	19.02	19.01	19.01	19.18	-4.0%	-0.1%	0.0%	0.9%	0.9%
Belgium	23.48	24.73	25.74	27.29	28.84	5.3%	4.1%	6.0%	5.7%	12.0%
Bulgaria	13.11	12.89	13.61	12.64	13.30	-1.7%	5.6%	-7.1%	5.2%	-2.3%
Croatia	15.50	14.35	13.33	14.84	15.04	-7.4%	-7.1%	11.3%	1.3%	12.8%
Cyprus	18.74	21.31	20.05	19.98	22.83	13.7%	-5.9%	-0.3%	14.3%	13.9%
Czech Republic	19.50	19.73	20.43	21.55	21.50	1.2%	3.5%	5.5%	-0.2%	5.2%
Denmark	29.06	30.20	30.17	29.86	29.82	3.9%	-0.1%	-1.0%	-0.1%	-1.2%
Estonia	13.09	12.91	13.80	13.70	14.92	-1.4%	6.9%	-0.7%	8.9%	8.1%
Finland	11.01	10.92	11.10	11.34	11.94	-0.8%	1.6%	2.2%	5.3%	7.6%
France	16.98	17.48	17.73	17.87	18.91	2.9%	1.4%	0.8%	5.8%	6.7%
Germany	27.51	28.16	28.00	28.76	28.41	2.4%	-0.6%	2.7%	-1.2%	1.5%
Greece	22.00	20.27	18.64	18.07	20.10	-7.9%	-8.0%	-3.1%	11.2%	7.8%
Hungary	13.49	13.36	13.30	14.79	14.58	-1.0%	-0.4%	11.2%	-1.4%	9.6%
Ireland	22.32	21.68	22.64	23.07	24.08	-2.9%	4.4%	1.9%	4.4%	6.4%
Italy	31.79	27.01	25.82	25.61	27.06	-15.0%	-4.4%	-0.8%	5.7%	4.8%
Latvia	22.12	22.17	22.22	23.79	22.28	0.2%	0.2%	7.1%	-6.3%	0.3%
Lithuania	14.60	13.77	13.91	13.74	15.52	-5.7%	1.0%	-1.2%	13.0%	11.6%
Luxembourg	17.64	14.15	14.87	16.48	15.81	-19.8%	5.1%	10.8%	-4.1%	6.3%
Malta	20.61	20.84	20.51	20.94	20.39	1.1%	-1.6%	2.1%	-2.6%	-0.6%
Netherlands	17.16	19.54	..	..	..	13.9%	..	..	..	..
Norway	10.02	10.64	10.46	11.39	12.83	6.2%	-1.7%	8.9%	12.6%	22.7%
Poland	17.08	18.84	19.53	18.12	18.06	10.3%	3.7%	-7.2%	-0.3%	-7.5%
Portugal	24.50	24.69	24.64	25.25	24.37	0.8%	-0.2%	2.5%	-3.5%	-1.1%
Romania	12.12	11.29	11.59	12.07	12.44	-6.8%	2.7%	4.1%	3.1%	7.3%
Slovakia	23.53	22.98	22.07	23.45	24.46	-2.3%	-4.0%	6.3%	4.3%	10.8%
Slovenia	16.73	15.84	15.77	17.29	16.99	-5.3%	-0.4%	9.6%	-1.7%	7.7%
Spain	29.94	31.04	25.23	34.51	29.59	3.7%	-18.7%	36.8%	-14.3%	17.3%
Sweden	18.27	16.91	17.70	17.21	21.40	-7.4%	4.7%	-2.8%	24.3%	20.9%
Turkey	9.29	8.00	7.24	7.05	7.54	-13.9%	-9.5%	-2.6%	7.0%	4.1%
United Kingdom	17.56	18.46	18.46	19.72	20.69	5.1%	0.0%	6.8%	4.9%	12.1%
Euro Area	24.16	23.93	23.12	24.36	24.42	-1.0%	-3.4%	5.4%	0.2%	5.6%
EU 28	22.33	22.28	21.78	22.75	23.07	-0.2%	-2.2%	4.5%	1.4%	5.9%
Ireland relative to:										
Euro Area	92.4%	90.6%	97.9%	94.7%	98.6%					
EU 28	100.0%	97.3%	103.9%	101.4%	104.4%					

Source: Eurostat

Table 16: Business Electricity Prices in band IB in Europe (S2 2016 to S2 2018) all taxes included

Band IB	all taxes included (c/kWh)					% change				
	July '16 - Dec '16	Jan '17 - Jun '17	July '17 - Dec '17	Jan '18 - Jun '18	July '18 - Dec '18	S2 '16 - S1 '17	S1 '17 - S2 '17	S2 '17 - S1 '18	S1 '18 - S2 '19	12 months to S2 '18
Austria	14.90	14.30	14.63	14.63	14.81	-4.0%	2.3%	0.0%	1.2%	1.2%
Belgium	18.95	19.39	18.69	17.03	18.60	2.3%	-3.6%	-8.9%	9.2%	-0.5%
Bulgaria	11.36	10.69	11.25	11.30	11.62	-5.9%	5.2%	0.4%	2.8%	3.3%
Croatia	13.11	11.73	12.22	12.93	12.94	-10.5%	4.2%	5.8%	0.1%	5.9%
Cyprus	17.40	19.63	18.00	17.94	22.01	12.8%	-8.3%	-0.3%	22.7%	22.3%
Czech Republic	14.10	13.52	14.35	15.07	15.65	-4.1%	6.1%	5.0%	3.8%	9.1%
Denmark	27.28	27.94	27.74	28.07	27.87	2.4%	-0.7%	1.2%	-0.7%	0.5%
Estonia	11.53	11.24	11.30	11.48	12.43	-2.5%	0.5%	1.6%	8.3%	10.0%
Finland	10.47	10.43	10.21	10.33	10.77	-0.4%	-2.1%	1.2%	4.3%	5.5%
France	13.18	14.66	14.13	15.13	14.40	11.2%	-3.6%	7.1%	-4.8%	1.9%
Germany	22.33	23.05	22.78	22.31	22.56	3.2%	-1.2%	-2.1%	1.1%	-1.0%
Greece	16.72	16.27	17.92	15.70	17.20	-2.7%	10.1%	-12.4%	9.6%	-4.0%
Hungary	11.74	11.37	11.48	12.53	12.40	-3.2%	1.0%	9.1%	-1.0%	8.0%
Ireland	17.53	16.92	17.19	17.72	18.23	-3.5%	1.6%	3.1%	2.9%	6.1%
Italy	21.67	20.85	20.20	19.68	19.99	-3.8%	-3.1%	-2.6%	1.6%	-1.0%
Latvia	16.45	16.29	16.16	15.70	15.60	-1.0%	-0.8%	-2.8%	-0.6%	-3.5%
Lithuania	12.05	11.44	11.32	11.34	12.46	-5.1%	-1.0%	0.2%	9.9%	10.1%
Luxembourg	10.98	10.94	10.72	11.18	11.47	-0.4%	-2.0%	4.3%	2.6%	7.0%
Malta	16.34	15.97	16.00	15.96	15.99	-2.3%	0.2%	-0.3%	0.2%	-0.1%
Netherlands	12.36	16.53	11.29	17.37	12.77	33.7%	-31.7%	53.9%	-26.5%	13.1%
Norway	10.23	9.06	8.96	9.86	11.17	-11.4%	-1.1%	10.0%	13.3%	24.7%
Poland	13.11	14.02	13.85	14.04	14.03	6.9%	-1.2%	1.4%	-0.1%	1.3%
Portugal	18.43	18.94	18.70	18.35	18.39	2.8%	-1.3%	-1.9%	0.2%	-1.7%
Romania	10.91	10.57	10.72	11.19	11.61	-3.1%	1.4%	4.4%	3.8%	8.3%
Slovakia	16.13	15.96	15.76	16.17	16.50	-1.1%	-1.3%	2.6%	2.0%	4.7%
Slovenia	12.51	12.07	11.98	12.89	12.92	-3.5%	-0.7%	7.6%	0.2%	7.8%
Spain	17.06	16.58	16.76	14.45	17.18	-2.8%	1.1%	-13.8%	18.9%	2.5%
Sweden	9.55	9.54	10.00	9.93	10.68	-0.1%	4.8%	-0.7%	7.6%	6.8%
Turkey	8.91	7.95	7.48	7.27	7.54	-10.8%	-5.9%	-2.8%	3.7%	0.8%
United Kingdom	17.09	17.26	16.94	18.07	18.92	1.0%	-1.9%	6.7%	4.7%	11.7%
Euro Area	17.84	18.37	17.81	17.77	17.95	3.0%	-3.0%	-0.2%	1.0%	0.8%
EU 28	16.89	17.31	16.91	17.05	17.31	2.5%	-2.3%	0.8%	1.5%	2.4%
Ireland relative to:										
Euro Area	98.3%	92.1%	96.5%	99.7%	101.6%					
EU 28	103.8%	97.7%	101.7%	103.9%	105.3%					

Source: Eurostat

Table 17: Business Electricity Prices in band IC in Europe (S2 2016 to S2 2018) all taxes included

Band IC	all taxes included (c/kWh)					% change				
	July '16 - Dec '16	Jan '17 - Jun '17	July '17 - Dec '17	Jan '18 - Jun '18	July '18 - Dec '18	S2 '16 - S1 '17	S1 '17 - S2 '17	S2 '17 - S1 '18	S1 '18 - S2 '19	12 months to S2 '18
Austria	12.29	11.16	11.96	11.96	12.14	-9.2%	7.2%	0.0%	1.5%	1.5%
Belgium	13.98	13.36	13.14	13.13	13.81	-4.4%	-1.6%	-0.1%	5.2%	5.1%
Bulgaria	9.46	9.15	9.47	9.72	10.15	-3.3%	3.5%	2.6%	4.4%	7.2%
Croatia	10.96	9.87	10.40	11.24	11.44	-9.9%	5.4%	8.1%	1.8%	10.0%
Cyprus	15.32	16.64	16.37	16.53	21.37	8.6%	-1.6%	1.0%	29.3%	30.5%
Czech Republic	8.85	8.32	8.59	8.87	8.72	-6.0%	3.2%	3.3%	-1.7%	1.5%
Denmark	26.51	25.79	25.79	25.37	25.10	-2.7%	0.0%	-1.6%	-1.1%	-2.7%
Estonia	10.75	10.44	10.15	10.38	11.09	-2.9%	-2.8%	2.3%	6.8%	9.3%
Finland	8.61	8.27	8.38	8.44	8.76	-3.9%	1.3%	0.7%	3.8%	4.5%
France	10.75	11.80	11.02	11.74	10.53	9.8%	-6.6%	6.5%	-10.3%	-4.4%
Germany	19.58	19.91	19.85	19.67	19.87	1.7%	-0.3%	-0.9%	1.0%	0.1%
Greece	12.60	12.15	13.15	11.60	12.67	-3.6%	8.2%	-11.8%	9.2%	-3.7%
Hungary	9.92	9.47	9.57	10.42	10.23	-4.5%	1.1%	8.9%	-1.8%	6.9%
Ireland	14.04	13.92	13.99	14.91	15.18	-0.9%	0.5%	6.6%	1.8%	8.5%
Italy	18.07	17.12	16.75	16.42	16.62	-5.3%	-2.2%	-2.0%	1.2%	-0.8%
Latvia	14.53	14.27	14.02	12.57	12.67	-1.8%	-1.8%	-10.3%	0.8%	-9.6%
Lithuania	10.69	10.24	10.00	10.14	10.89	-4.2%	-2.3%	1.4%	7.4%	8.9%
Luxembourg	9.26	8.49	8.73	9.05	9.14	-8.3%	2.8%	3.7%	1.0%	4.7%
Malta	14.69	14.19	14.32	14.13	14.24	-3.4%	0.9%	-1.3%	0.8%	-0.6%
Netherlands	9.74	9.95	9.25	10.44	9.78	2.2%	-7.0%	12.9%	-6.3%	5.7%
Norway	10.17	8.88	8.79	9.73	10.90	-12.7%	-1.0%	10.7%	12.0%	24.0%
Poland	10.03	10.65	10.61	10.78	10.88	6.2%	-0.4%	1.6%	0.9%	2.5%
Portugal	13.92	14.08	14.11	13.81	14.40	1.1%	0.2%	-2.1%	4.3%	2.1%
Romania	9.26	9.15	9.36	9.89	10.30	-1.2%	2.3%	5.7%	4.1%	10.0%
Slovakia	13.34	13.42	13.36	13.99	14.41	0.6%	-0.4%	4.7%	3.0%	7.9%
Slovenia	10.15	9.57	9.56	10.50	10.57	-5.7%	-0.1%	9.8%	0.7%	10.6%
Spain	12.45	12.84	12.49	12.82	13.29	3.1%	-2.7%	2.6%	3.7%	6.4%
Sweden	8.20	8.10	8.08	8.55	9.09	-1.2%	-0.2%	5.8%	6.3%	12.5%
Turkey	8.56	7.48	7.09	6.95	7.33	-12.6%	-5.2%	-2.0%	5.5%	3.4%
United Kingdom	15.34	15.08	14.87	15.96	16.99	-1.7%	-1.4%	7.3%	6.5%	14.3%
Euro Area	14.70	14.81	14.55	14.67	14.66	0.7%	-1.8%	0.8%	-0.1%	0.8%
EU 28	14.01	14.05	13.86	14.11	14.23	0.3%	-1.4%	1.8%	0.9%	2.7%
Ireland relative to:										
Euro Area	95.5%	94.0%	96.2%	101.6%	103.5%					
EU 28	100.2%	99.1%	100.9%	105.7%	106.7%					

Source: Eurostat

Table 18: Business Electricity Prices in band ID in Europe (S2 2016 to S2 2018) all taxes included

Band ID	all taxes included (c/kWh)					% change				
	July '16 - Dec '16	Jan '17 - Jun '17	July '17 - Dec '17	Jan '18 - Jun '18	July '18 - Dec '18	S2 '16 - S1 '17	S1 '17 - S2 '17	S2 '17 - S1 '18	S1 '18 - S2 '19	12 months to S2 '18
Austria	9.78	9.76	10.11	10.14	10.50	-0.2%	3.6%	0.3%	3.6%	3.9%
Belgium	11.75	11.07	11.00	10.67	11.50	-5.8%	-0.6%	-3.0%	7.8%	4.5%
Bulgaria	8.41	8.17	8.46	8.95	9.19	-2.9%	3.5%	5.8%	2.7%	8.6%
Croatia	9.57	8.60	9.12	9.82	10.12	-10.1%	6.0%	7.7%	3.1%	11.0%
Cyprus	14.27	15.22	15.74	15.70	20.28	6.7%	3.4%	-0.3%	29.2%	28.8%
Czech Republic	7.61	7.50	7.63	7.72	7.70	-1.4%	1.7%	1.2%	-0.3%	0.9%
Denmark	26.32	25.55	25.60	25.22	24.86	-2.9%	0.2%	-1.5%	-1.4%	-2.9%
Estonia	9.67	9.29	9.06	8.99	9.54	-3.9%	-2.5%	-0.8%	6.1%	5.3%
Finland	8.27	7.91	8.07	8.06	8.41	-4.4%	2.0%	-0.1%	4.3%	4.2%
France	9.00	9.39	8.85	9.21	8.62	4.3%	-5.8%	4.1%	-6.4%	-2.6%
Germany	16.85	16.92	16.94	16.35	16.63	0.4%	0.1%	-3.5%	1.7%	-1.8%
Greece	9.75	10.23	11.18	9.88	10.62	4.9%	9.3%	-11.6%	7.5%	-5.0%
Hungary	9.33	8.90	9.08	9.50	9.44	-4.6%	2.0%	4.6%	-0.6%	4.0%
Ireland	11.29	11.42	11.14	11.93	12.27	1.2%	-2.5%	7.1%	2.8%	10.1%
Italy	16.11	15.08	14.86	13.35	13.67	-6.4%	-1.5%	-10.2%	2.4%	-8.0%
Latvia	12.97	12.50	12.43	10.46	10.94	-3.6%	-0.6%	-15.8%	4.6%	-12.0%
Lithuania	9.59	9.13	9.02	9.17	9.83	-4.8%	-1.2%	1.7%	7.2%	9.0%
Luxembourg	5.87	6.96	7.19	7.31	7.40	18.6%	3.3%	1.7%	1.2%	2.9%
Malta	12.94	12.63	12.59	12.58	12.55	-2.4%	-0.3%	-0.1%	-0.2%	-0.3%
Netherlands	9.27	9.36	9.17	9.43	9.64	1.0%	-2.0%	2.8%	2.2%	5.1%
Norway	8.53	7.38	7.31	8.26	9.43	-13.5%	-0.9%	13.0%	14.2%	29.0%
Poland	8.73	9.37	9.30	9.55	9.60	7.3%	-0.7%	2.7%	0.5%	3.2%
Portugal	12.63	12.68	12.83	12.89	13.41	0.4%	1.2%	0.5%	4.0%	4.5%
Romania	8.65	8.48	8.68	9.18	9.66	-2.0%	2.4%	5.8%	5.2%	11.3%
Slovakia	11.96	12.44	12.52	13.18	13.04	4.0%	0.6%	5.3%	-1.1%	4.2%
Slovenia	8.74	8.18	8.23	8.75	8.92	-6.4%	0.6%	6.3%	1.9%	8.4%
Spain	10.45	10.66	10.40	12.00	11.50	2.0%	-2.4%	15.4%	-4.2%	10.6%
Sweden	6.97	6.91	6.95	7.07	7.70	-0.9%	0.6%	1.7%	8.9%	10.8%
Turkey	7.76	6.91	6.71	6.50	7.05	-11.0%	-2.9%	-3.1%	8.5%	5.1%
United Kingdom	14.15	14.36	14.12	15.14	15.92	1.5%	-1.7%	7.2%	5.2%	12.7%
Euro Area	12.70	12.64	12.50	12.35	12.43	-0.5%	-1.1%	-1.2%	0.6%	-0.6%
EU 28	12.25	12.23	12.12	12.15	12.32	-0.2%	-0.9%	0.2%	1.4%	1.7%
Ireland relative to:										
Euro Area	88.9%	90.3%	89.1%	96.6%	98.7%					
EU 28	92.2%	93.4%	91.9%	98.2%	99.6%					

Source: Eurostat

Table 19: Business Electricity Prices in band IE in Europe (S2 2016 to S2 2018) all taxes included

Band IE	all taxes included (c/kWh)					% change				
	July '16 - Dec '16	Jan '17 - Jun '17	July '17 - Dec '17	Jan '18 - Jun '18	July '18 - Dec '18	S2 '16 - S1 '17	S1 '17 - S2 '17	S2 '17 - S1 '18	S1 '18 - S2 '19	12 months to S2 '18
Austria	9.09	8.39	8.75	8.88	9.43	-7.7%	4.3%	1.5%	6.2%	7.8%
Belgium	9.37	8.73	8.50	8.21	9.36	-6.8%	-2.6%	-3.4%	14.0%	10.1%
Bulgaria	7.49	6.59	7.68	8.19	8.13	-12.0%	16.5%	6.6%	-0.7%	5.9%
Croatia	8.00	7.18	7.62	8.08	8.23	-10.3%	6.1%	6.0%	1.9%	8.0%
Cyprus	12.81	14.29	14.51	14.92	19.22	11.6%	1.5%	2.8%	28.8%	32.5%
Czech Republic	7.85	7.33	7.52	7.64	7.87	-6.6%	2.6%	1.6%	3.0%	4.7%
Denmark	24.91	23.82	23.81	23.96	24.07	-4.4%	0.0%	0.6%	0.5%	1.1%
Estonia	8.68	8.59	8.28	8.50	9.07	-1.0%	-3.6%	2.7%	6.7%	9.5%
Finland	6.70	6.41	6.55	6.65	7.29	-4.3%	2.2%	1.5%	9.6%	11.3%
France	7.74	7.51	7.30	7.58	7.35	-3.0%	-2.8%	3.8%	-3.0%	0.7%
Germany	13.31	13.40	12.38	12.06	12.29	0.7%	-7.6%	-2.6%	1.9%	-0.7%
Greece	8.17	8.76	10.50	8.41	9.47	7.2%	19.9%	-19.9%	12.6%	-9.8%
Hungary	8.96	8.42	8.56	8.65	8.84	-6.0%	1.7%	1.1%	2.2%	3.3%
Ireland	9.48	9.81	10.33	11.17	11.31	3.5%	5.3%	8.1%	1.3%	9.5%
Italy	13.80	13.13	12.83	10.25	10.60	-4.9%	-2.3%	-20.1%	3.4%	-17.4%
Latvia	12.12	11.96	11.61	9.04	9.09	-1.3%	-2.9%	-22.1%	0.6%	-21.7%
Lithuania	8.76	8.29	8.17	8.21	9.22	-5.4%	-1.4%	0.5%	12.3%	12.9%
Luxembourg	5.06	4.34	4.24	4.45	4.64	-14.2%	-2.3%	5.0%	4.3%	9.4%
Malta	11.91	10.54	10.75	10.54	10.51	-11.5%	2.0%	-2.0%	-0.3%	-2.2%
Netherlands	7.10	7.43	6.28	7.53	6.89	4.6%	-15.5%	19.9%	-8.5%	9.7%
Norway	7.20	6.25	6.27	7.32	8.70	-13.2%	0.3%	16.7%	18.9%	38.8%
Poland	7.91	8.39	8.65	8.91	9.20	6.1%	3.1%	3.0%	3.3%	6.4%
Portugal	10.69	10.78	10.68	10.95	11.85	0.8%	-0.9%	2.5%	8.2%	11.0%
Romania	7.60	7.52	7.75	8.33	9.01	-1.1%	3.1%	7.5%	8.2%	16.3%
Slovakia	11.04	11.56	11.72	12.18	11.95	4.7%	1.4%	3.9%	-1.9%	2.0%
Slovenia	7.71	7.13	7.37	7.38	7.76	-7.5%	3.4%	0.1%	5.1%	5.3%
Spain	9.18	9.52	9.31	11.01	10.26	3.7%	-2.2%	18.3%	-6.8%	10.2%
Sweden	6.43	5.81	5.95	6.02	6.94	-9.6%	2.4%	1.2%	15.3%	16.6%
Turkey	7.27	6.26	5.86	5.87	6.53	-13.9%	-6.4%	0.2%	11.2%	11.4%
United Kingdom	13.81	14.20	13.95	14.41	14.88	2.8%	-1.8%	3.3%	3.3%	6.7%
Euro Area	10.54	10.44	10.05	9.84	9.95	-0.9%	-3.7%	-2.1%	1.1%	-1.0%
EU 28	10.53	10.45	10.18	10.12	10.31	-0.8%	-2.6%	-0.6%	1.9%	1.3%
Ireland relative to:										
Euro Area	89.9%	94.0%	102.8%	113.5%	113.7%					
EU 28	90.0%	93.9%	101.5%	110.4%	109.7%					

Source: Eurostat

Table 20: Business Electricity Prices in band IF in Europe (S2 2016 to S2 2018) all taxes included

Band IF	all taxes included (c/kWh)					% change				
	July '16 - Dec '16	Jan '17 - Jun '17	July '17 - Dec '17	Jan '18 - Jun '18	July '18 - Dec '18	S2 '16 - S1 '17	S1 '17 - S2 '17	S2 '17 - S1 '18	S1 '18 - S2 '19	12 months to S2 '18
Austria	8.30	8.06	7.78	8.06	8.55	-2.9%	-3.5%	3.6%	6.1%	9.9%
Belgium	8.17	6.85	6.91	7.19	8.70	-16.2%	0.9%	4.1%	21.0%	25.9%
Bulgaria	6.89	6.40	6.97	7.62	7.27	-7.1%	8.9%	9.3%	-4.6%	4.3%
Croatia	9.16	5.70	5.41	6.64	6.78	-37.8%	-5.1%	22.7%	2.1%	25.3%
Cyprus	11.32	13.96	13.37	13.97	17.72	23.3%	-4.2%	4.5%	26.8%	32.5%
Czech Republic	8.17	7.76	7.88	7.80	7.73	-5.0%	1.5%	-1.0%	-0.9%	-1.9%
Denmark	24.85	23.74	23.78	24.24	23.75	-4.5%	0.2%	1.9%	-2.0%	-0.1%
Estonia	8.35	7.86	8.45	8.42	9.00	-5.9%	7.5%	-0.4%	6.9%	6.5%
Finland	6.63	6.28	6.38	6.76	6.85	-5.3%	1.6%	6.0%	1.3%	7.4%
France	6.45	6.23	6.15	6.83	6.54	-3.4%	-1.3%	11.1%	-4.2%	6.3%
Germany	12.27	14.47	12.90	12.35	12.63	17.9%	-10.9%	-4.3%	2.3%	-2.1%
Greece	6.64	..	..	6.48	7.80	..	..	..	20.4%	..
Hungary	9.17	8.94	9.10	8.65	9.41	-2.5%	1.8%	-4.9%	8.8%	3.4%
Ireland	8.66	8.94	8.83	10.11	10.78	3.2%	-1.2%	14.5%	6.6%	22.1%
Italy	10.27	9.77	9.08	7.75	8.28	-4.9%	-7.1%	-14.6%	6.8%	-8.8%
Latvia	10.70	9.49	9.82	7.78	8.20	-11.3%	3.5%	-20.8%	5.4%	-16.5%
Lithuania	8.62	8.27	7.93	7.93	8.34	-4.1%	-4.1%	0.0%	5.2%	5.2%
Luxembourg	..	..	..	3.73	..	..	..	..	..	..
Malta	10.39	10.16	10.14	10.16	10.14	-2.2%	-0.2%	0.2%	-0.2%	0.0%
Netherlands	7.09	6.63	6.15	6.58	7.06	-6.5%	-7.2%	7.0%	7.3%	14.8%
Norway	6.67	4.49	4.49	5.16	6.33	-32.7%	0.0%	14.9%	22.7%	41.0%
Poland	7.33	8.03	7.63	7.44	8.37	9.5%	-5.0%	-2.5%	12.5%	9.7%
Portugal	10.02	10.01	10.10	10.04	10.78	-0.1%	0.9%	-0.6%	7.4%	6.7%
Romania	7.58	7.40	7.62	7.94	8.93	-2.4%	3.0%	4.2%	12.5%	17.2%
Slovakia	10.82	10.78	11.38	11.14	12.08	-0.4%	5.6%	-2.1%	8.4%	6.2%
Slovenia	7.20	6.81	7.10	6.87	7.26	-5.4%	4.3%	-3.2%	5.7%	2.3%
Spain	8.51	8.83	8.57	8.80	10.00	3.8%	-2.9%	2.7%	13.6%	16.7%
Sweden	5.56	4.96	5.05	5.27	6.06	-10.8%	1.8%	4.4%	15.0%	20.0%
Turkey	7.45	6.19	5.64	5.67	6.50	-16.9%	-8.9%	0.5%	14.6%	15.2%
United Kingdom	13.61	14.01	13.61	13.94	14.19	2.9%	-2.9%	2.4%	1.8%	4.3%
Euro Area	9.25	9.73	9.12	8.90	9.36	5.2%	-6.3%	-2.4%	5.2%	2.6%
EU 28	9.51	9.86	9.38	9.26	9.72	3.7%	-4.9%	-1.3%	5.0%	3.6%
Ireland relative to:										
Euro Area	93.6%	91.9%	96.8%	113.6%	115.2%					
EU 28	91.1%	90.7%	94.1%	109.2%	110.9%					

Source: Eurostat

Table 21: Business Electricity Prices in band IG in Europe (S2 2016 to S2 2018) all taxes included

Band IG	all taxes included (c/kWh)					% change				
	July '16 - Dec '16	Jan '17 - Jun '17	July '17 - Dec '17	Jan '18 - Jun '18	July '18 - Dec '18	S2 '16 - S1 '17	S1 '17 - S2 '17	S2 '17 - S1 '18	S1 '18 - S2 '19	12 months to S2 '18
Austria	..	7.35	7.14	7.40	8.66	..	-2.9%	3.6%	17.0%	21.3%
Belgium	..	5.44	5.51	6.38	7.15	..	1.3%	15.8%	12.1%	29.8%
Bulgaria	6.92	6.04	6.56	7.27	6.62	-12.7%	8.6%	10.8%	-8.9%	0.9%
Croatia	..	..	..	..	..	..	..	..	..	..
Cyprus	..	..	..	..	..	..	..	..	..	..
Czech Republic	..	..	..	7.64	..	..	..	..	..	..
Denmark	..	23.49	23.71	24.23	23.81	..	0.9%	2.2%	-1.7%	0.4%
Estonia	..	..	..	..	..	..	..	..	..	..
Finland	..	..	..	..	..	..	..	..	..	..
France	..	5.50	5.50	5.41	5.12	..	0.0%	-1.6%	-5.4%	-6.9%
Germany	..	..	..	..	..	..	..	..	..	..
Greece	..	..	..	4.80	..	..	..	..	..	..
Hungary	9.18	8.90	9.19	7.54	8.01	-3.1%	3.3%	-18.0%	6.2%	-12.8%
Ireland	..	..	..	..	..	..	..	..	..	..
Italy	8.45	9.86	9.97	9.69	9.06	16.7%	1.1%	-2.8%	-6.5%	-9.1%
Latvia	..	..	..	..	..	..	..	..	..	..
Lithuania	..	..	..	..	7.64	..	..	..	..	..
Luxembourg	..	..	..	5.11	..	..	..	..	..	..
Malta	..	..	..	..	..	..	..	..	..	..
Netherlands	7.03	6.67	6.49	6.53	7.13	-5.1%	-2.7%	0.6%	9.2%	9.9%
Norway	..	5.04	..	..	..	..	..	..	..	..
Poland	7.03	6.96	8.03	8.89	9.61	-1.0%	15.4%	10.7%	8.1%	19.7%
Portugal	..	9.22	8.93	8.36	9.68	..	-3.1%	-6.4%	15.8%	8.4%
Romania	..	..	6.17	6.66	7.36	..	..	7.9%	10.5%	19.3%
Slovakia	8.70	10.72	10.68	10.69	11.38	23.2%	-0.4%	0.1%	6.5%	6.6%
Slovenia	..	..	..	..	..	..	..	..	..	..
Spain	7.52	8.34	8.20	8.00	9.47	10.9%	-1.7%	-2.4%	18.4%	15.5%
Sweden	..	4.81	4.83	5.23	6.45	..	0.4%	8.3%	23.3%	33.5%
Turkey	6.70	5.83	5.42	5.36	6.48	-13.0%	-7.0%	-1.1%	20.9%	19.6%
United Kingdom	13.21	12.72	12.39	13.09	13.78	-3.7%	-2.6%	5.6%	5.3%	11.2%
Euro Area	7.90	7.55	7.59	7.32	7.65	-4.4%	0.5%	-3.6%	4.5%	0.8%
EU 28	9.04	8.33	8.30	8.27	8.68	-7.9%	-0.4%	-0.4%	5.0%	4.6%
Ireland relative to:										
Euro Area
EU 28

Source: Eurostat



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