

Electricity & Gas Prices in Ireland

Annex Household Electricity Prices per kWh
2nd Semester (July – December) 2016



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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 July – December 2016, i.e. the second 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 5 May 2017.

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 (S2 2014 to S2 2016) without taxes

| Band DA | without taxes (c/kWh) | | | | | % change | | | | |
|----------------------|-----------------------|-------------------|--------------------|-------------------|--------------------|-----------------|-----------------|-----------------|-----------------|---------------------|
| | July '14 - Dec '14 | Jan '15 - Jun '15 | July '15 - Dec '15 | Jan '16 - Jun '16 | July '16 - Dec '16 | S2 '14 - S1 '15 | S1 '15 - S2 '15 | S2 '15 - S1 '16 | S1 '16 - S2 '16 | 12 months to S2 '16 |
| Austria | 20.62 | 20.64 | 20.42 | 21.04 | 20.98 | 0.1% | -1.1% | 3.0% | -0.3% | 2.7% |
| Belgium | 22.43 | 22.96 | 24.50 | 25.19 | 28.23 | 2.4% | 6.7% | 2.8% | 12.1% | 15.2% |
| Bulgaria | 7.62 | 8.07 | 8.13 | 8.15 | 8.06 | 5.9% | 0.7% | 0.2% | -1.1% | -0.9% |
| Croatia | 16.28 | 16.79 | 15.91 | 17.66 | 16.25 | 3.1% | -5.2% | 11.0% | -8.0% | 2.1% |
| Cyprus | 21.16 | 18.05 | 16.60 | 14.18 | 15.02 | -14.7% | -8.0% | -14.6% | 5.9% | -9.5% |
| Czech Republic | 21.14 | 21.20 | 21.54 | 21.97 | 21.98 | 0.3% | 1.6% | 2.0% | 0.0% | 2.0% |
| Denmark | 12.33 | 12.07 | 11.67 | 15.46 | 16.14 | -2.1% | -3.3% | 32.5% | 4.4% | 38.3% |
| Estonia | 10.23 | 9.88 | 9.72 | 9.55 | 9.92 | -3.4% | -1.6% | -1.7% | 3.9% | 2.1% |
| Finland | 22.20 | 22.25 | 22.07 | 22.68 | 23.20 | 0.2% | -0.8% | 2.8% | 2.3% | 5.1% |
| France | 22.17 | 22.32 | 22.10 | 21.58 | 22.67 | 0.7% | -1.0% | -2.4% | 5.1% | 2.6% |
| Germany | 25.76 | 26.11 | 26.09 | 26.59 | 26.51 | 1.4% | -0.1% | 1.9% | -0.3% | 1.6% |
| Greece | 15.26 | 20.09 | 16.68 | 20.44 | 14.80 | 31.7% | -17.0% | 22.5% | -27.6% | -11.3% |
| Hungary | 10.45 | 10.08 | 10.15 | 9.94 | 10.10 | -3.5% | 0.7% | -2.1% | 1.6% | -0.5% |
| Ireland | 49.20 | 49.06 | 34.99 | 30.44 | 32.18 | -0.3% | -28.7% | -13.0% | 5.7% | -8.0% |
| Italy | 20.55 | 20.75 | 20.02 | 21.90 | 22.00 | 1.0% | -3.5% | 9.4% | 0.5% | 9.9% |
| Latvia | 6.97 | 9.73 | 10.94 | 10.66 | 12.82 | 39.6% | 12.4% | -2.6% | 20.3% | 17.2% |
| Lithuania | 9.13 | 8.99 | 8.90 | 8.84 | 8.39 | -1.5% | -1.0% | -0.7% | -5.1% | -5.7% |
| Luxembourg | 20.15 | 19.15 | 19.15 | 19.11 | 19.11 | -5.0% | 0.0% | -0.2% | 0.0% | -0.2% |
| Malta | 35.04 | 35.60 | 35.28 | 33.54 | 34.67 | 1.6% | -0.9% | -4.9% | 3.4% | -1.7% |
| Netherlands | 37.76 | 36.03 | 36.10 | 35.69 | 35.40 | -4.6% | 0.2% | -1.1% | -0.8% | -1.9% |
| Norway | 31.25 | 30.75 | 28.04 | 28.14 | 29.57 | -1.6% | -8.8% | 0.4% | 5.1% | 5.5% |
| Poland | 14.11 | 14.44 | 14.08 | 12.56 | 13.16 | 2.3% | -2.5% | -10.8% | 4.8% | -6.5% |
| Portugal | 21.92 | 18.22 | 18.67 | 18.71 | 19.94 | -16.9% | 2.5% | 0.2% | 6.6% | 6.8% |
| Romania | 9.48 | 9.78 | 9.74 | 9.48 | 9.19 | 3.2% | -0.4% | -2.7% | -3.1% | -5.6% |
| Slovakia | 20.07 | 20.07 | 20.65 | 17.63 | 20.92 | 0.0% | 2.9% | -14.6% | 18.7% | 1.3% |
| Slovenia | 13.89 | 11.72 | 11.58 | 11.71 | 11.67 | -15.6% | -1.2% | 1.1% | -0.3% | 0.8% |
| Spain | 36.67 | 39.88 | 41.63 | 41.00 | 39.65 | 8.8% | 4.4% | -1.5% | -3.3% | -4.8% |
| Sweden | 25.47 | 24.29 | 24.58 | 26.16 | 26.24 | -4.6% | 1.2% | 6.4% | 0.3% | 6.8% |
| Turkey | 10.46 | 10.82 | 9.75 | 10.20 | 9.70 | 3.4% | -9.9% | 4.6% | -4.9% | -0.5% |
| United Kingdom | 23.83 | 21.24 | 22.11 | 20.02 | 22.25 | -10.9% | 4.1% | -9.5% | 11.1% | 0.6% |
| Euro Area | 25.36 | 25.77 | 25.59 | 25.77 | 25.92 | 1.6% | -0.7% | 0.7% | 0.6% | 1.3% |
| EU 28 | 23.71 | 23.65 | 23.64 | 23.58 | 24.00 | -0.3% | 0.0% | -0.3% | 1.8% | 1.5% |
| Ireland relative to: | | | | | | | | | | |
| Euro Area | 194.0% | 190.4% | 136.7% | 118.1% | 124.2% | | | | | |
| EU 28 | 207.5% | 207.4% | 148.0% | 129.1% | 134.1% | | | | | |

Source: Eurostat

Table 2 Household Electricity Prices in band DB in Europe (S2 2014 to S2 2016) without taxes

| Band DB | without taxes (c/kWh) | | | | | % change | | | | |
|----------------------|-----------------------|----------------------|-----------------------|----------------------|-----------------------|--------------------|--------------------|--------------------|--------------------|------------------------|
| | July '14 - Dec '14 | Jan '15 - Jun '15 | July '15 - Dec '15 | Jan '16 - Jun '16 | July '16 - Dec '16 | S2 '14 - S1 '15 | S1 '15 - S2 '15 | S2 '15 - S1 '16 | S1 '16 - S2 '16 | 12 months to S2 '16 |
| Austria | 15.03 | 14.64 | 14.42 | 14.63 | 14.42 | -2.6% | -1.5% | 1.5% | -1.4% | 0.0% |
| Belgium | 18.14 | 19.38 | 19.91 | 17.73 | 19.67 | 6.8% | 2.7% | -10.9% | 10.9% | -1.2% |
| Bulgaria | 7.51 | 7.95 | 8.01 | 8.02 | 7.91 | 5.9% | 0.8% | 0.1% | -1.4% | -1.2% |
| Croatia | 10.97 | 10.99 | 10.84 | 10.91 | 11.01 | 0.2% | -1.4% | 0.6% | 0.9% | 1.6% |
| Cyprus | 19.04 | 15.59 | 14.50 | 11.81 | 12.77 | -18.1% | -7.0% | -18.6% | 8.1% | -11.9% |
| Czech Republic | 15.02 | 15.02 | 15.26 | 15.46 | 15.46 | 0.0% | 1.6% | 1.3% | 0.0% | 1.3% |
| Denmark | 12.33 | 12.07 | 11.67 | 11.43 | 12.00 | -2.1% | -3.3% | -2.1% | 5.0% | 2.8% |
| Estonia | 10.07 | 9.81 | 9.89 | 9.61 | 9.85 | -2.6% | 0.8% | -2.8% | 2.5% | -0.4% |
| Finland | 14.26 | 14.04 | 13.90 | 14.19 | 14.40 | -1.5% | -1.0% | 2.1% | 1.5% | 3.6% |
| France | 13.48 | 13.06 | 12.89 | 12.52 | 12.82 | -3.1% | -1.3% | -2.9% | 2.4% | -0.5% |
| Germany | 16.47 | 16.47 | 16.42 | 16.20 | 16.19 | 0.0% | -0.3% | -1.3% | -0.1% | -1.4% |
| Greece | 12.16 | 12.73 | 12.75 | 12.04 | 12.16 | 4.7% | 0.2% | -5.6% | 1.0% | -4.6% |
| Hungary | 9.38 | 9.19 | 9.34 | 9.09 | 9.21 | -2.0% | 1.6% | -2.7% | 1.3% | -1.4% |
| Ireland | 25.36 | 23.89 | 23.71 | 22.18 | 22.78 | -5.8% | -0.8% | -6.5% | 2.7% | -3.9% |
| Italy | 14.21 | 13.80 | 13.90 | 14.20 | 14.52 | -2.9% | 0.7% | 2.2% | 2.3% | 4.5% |
| Latvia | 7.30 | 10.87 | 11.01 | 10.79 | 11.06 | 48.9% | 1.3% | -2.0% | 2.5% | 0.5% |
| Lithuania | 9.00 | 8.92 | 8.80 | 8.76 | 8.33 | -0.9% | -1.3% | -0.5% | -4.9% | -5.3% |
| Luxembourg | 15.77 | 14.77 | 14.77 | 14.73 | 14.73 | -6.3% | 0.0% | -0.3% | 0.0% | -0.3% |
| Malta | 13.76 | 13.56 | 13.88 | 13.49 | 13.88 | -1.5% | 2.4% | -2.8% | 2.9% | 0.0% |
| Netherlands | 18.58 | 17.89 | 17.48 | 17.20 | 17.02 | -3.7% | -2.3% | -1.6% | -1.0% | -2.6% |
| Norway | 18.83 | 18.34 | 16.47 | 16.81 | 17.90 | -2.6% | -10.2% | 2.1% | 6.5% | 8.7% |
| Poland | 11.61 | 11.99 | 11.72 | 10.99 | 11.18 | 3.3% | -2.3% | -6.2% | 1.7% | -4.6% |
| Portugal | 13.92 | 12.29 | 12.34 | 13.30 | 13.36 | -11.7% | 0.4% | 7.8% | 0.5% | 8.3% |
| Romania | 9.42 | 9.48 | 9.58 | 9.34 | 9.11 | 0.6% | 1.1% | -2.5% | -2.5% | -4.9% |
| Slovakia | 14.00 | 14.20 | 14.25 | 12.91 | 14.58 | 1.4% | 0.4% | -9.4% | 12.9% | 2.3% |
| Slovenia | 12.95 | 12.73 | 12.71 | 12.69 | 12.73 | -1.7% | -0.2% | -0.2% | 0.3% | 0.2% |
| Spain | 21.66 | 21.35 | 22.42 | 21.01 | 21.93 | -1.4% | 5.0% | -6.3% | 4.4% | -2.2% |
| Sweden | 14.30 | 13.56 | 13.73 | 14.15 | 14.67 | -5.2% | 1.3% | 3.1% | 3.7% | 6.8% |
| Turkey | 10.39 | 10.82 | 9.74 | 10.20 | 9.70 | 4.1% | -10.0% | 4.7% | -4.9% | -0.4% |
| United Kingdom | 21.24 | 19.46 | 20.08 | 17.93 | 17.10 | -8.4% | 3.2% | -10.7% | -4.6% | -14.8% |
| Euro Area | 15.93 | 15.61 | 15.68 | 15.27 | 15.60 | -2.0% | 0.4% | -2.6% | 2.2% | -0.5% |
| EU 28 | 16.00 | 15.52 | 15.66 | 15.07 | 15.22 | -3.0% | 0.9% | -3.8% | 1.0% | -2.8% |
| Ireland relative to: | | | | | | | | | | |
| Euro Area | 159.2% | 153.0% | 151.2% | 145.3% | 146.0% | | | | | |
| EU 28 | 158.5% | 153.9% | 151.4% | 147.2% | 149.7% | | | | | |

Source: Eurostat

Table 3 Household Electricity Prices in band DC in Europe (S2 2014 to S2 2016) without taxes

| Band DC | without taxes (c/kWh) | | | | | % change | | | | |
|----------------------|-----------------------|----------------------|-----------------------|----------------------|-----------------------|--------------------|--------------------|--------------------|--------------------|------------------------|
| | July '14 - Dec '14 | Jan '15 - Jun '15 | July '15 - Dec '15 | Jan '16 - Jun '16 | July '16 - Dec '16 | S2 '14 - S1 '15 | S1 '15 - S2 '15 | S2 '15 - S1 '16 | S1 '16 - S2 '16 | 12 months to S2 '16 |
| Austria | 12.94 | 12.61 | 12.39 | 12.42 | 12.22 | -2.6% | -1.7% | 0.2% | -1.6% | -1.4% |
| Belgium | 16.78 | 18.17 | 18.42 | 15.67 | 18.15 | 8.3% | 1.4% | -14.9% | 15.8% | -1.5% |
| Bulgaria | 7.46 | 7.85 | 7.98 | 7.97 | 7.81 | 5.2% | 1.7% | -0.1% | -2.0% | -2.1% |
| Croatia | 10.13 | 10.08 | 10.03 | 10.02 | 10.18 | -0.5% | -0.5% | -0.1% | 1.6% | 1.5% |
| Cyprus | 19.15 | 15.74 | 14.63 | 11.94 | 12.85 | -17.8% | -7.1% | -18.4% | 7.6% | -12.2% |
| Czech Republic | 11.29 | 11.34 | 11.53 | 11.61 | 11.62 | 0.4% | 1.7% | 0.7% | 0.1% | 0.8% |
| Denmark | 10.10 | 9.92 | 9.40 | 9.42 | 9.93 | -1.8% | -5.2% | 0.2% | 5.4% | 5.6% |
| Estonia | 9.82 | 9.51 | 9.51 | 9.35 | 9.60 | -3.2% | 0.0% | -1.7% | 2.7% | 0.9% |
| Finland | 10.50 | 10.26 | 10.09 | 10.17 | 10.20 | -2.3% | -1.7% | 0.8% | 0.3% | 1.1% |
| France | 11.64 | 11.11 | 11.13 | 10.87 | 11.06 | -4.6% | 0.2% | -2.3% | 1.7% | -0.6% |
| Germany | 14.40 | 14.31 | 14.27 | 13.88 | 13.82 | -0.6% | -0.3% | -2.7% | -0.4% | -3.2% |
| Greece | 12.16 | 12.11 | 12.27 | 11.62 | 11.85 | -0.4% | 1.3% | -5.3% | 2.0% | -3.4% |
| Hungary | 9.02 | 8.87 | 9.02 | 8.77 | 8.86 | -1.7% | 1.7% | -2.8% | 1.0% | -1.8% |
| Ireland | 20.85 | 19.70 | 19.91 | 18.95 | 18.78 | -5.5% | 1.1% | -4.8% | -0.9% | -5.7% |
| Italy | 14.68 | 15.07 | 14.79 | 14.42 | 14.16 | 2.7% | -1.9% | -2.5% | -1.8% | -4.3% |
| Latvia | 8.54 | 10.83 | 10.96 | 10.77 | 10.74 | 26.8% | 1.2% | -1.7% | -0.3% | -2.0% |
| Lithuania | 8.83 | 8.74 | 8.63 | 8.59 | 8.18 | -1.0% | -1.3% | -0.5% | -4.8% | -5.2% |
| Luxembourg | 14.31 | 13.31 | 13.31 | 13.27 | 13.27 | -7.0% | 0.0% | -0.3% | 0.0% | -0.3% |
| Malta | 11.89 | 11.97 | 12.09 | 11.97 | 12.13 | 0.7% | 1.0% | -1.0% | 1.3% | 0.3% |
| Netherlands | 13.26 | 12.85 | 12.38 | 12.06 | 11.89 | -3.1% | -3.7% | -2.6% | -1.4% | -4.0% |
| Norway | 11.82 | 11.33 | 9.94 | 10.42 | 11.30 | -4.1% | -12.3% | 4.8% | 8.4% | 13.7% |
| Poland | 10.97 | 11.25 | 11.05 | 10.37 | 10.53 | 2.6% | -1.8% | -6.2% | 1.5% | -4.7% |
| Portugal | 13.01 | 11.50 | 11.53 | 12.39 | 12.46 | -11.6% | 0.3% | 7.5% | 0.6% | 8.1% |
| Romania | 9.06 | 9.27 | 9.38 | 9.14 | 8.93 | 2.3% | 1.2% | -2.6% | -2.3% | -4.8% |
| Slovakia | 12.37 | 12.23 | 12.32 | 11.54 | 12.49 | -1.1% | 0.7% | -6.3% | 8.2% | 1.4% |
| Slovenia | 11.51 | 11.23 | 11.26 | 11.12 | 11.17 | -2.4% | 0.3% | -1.2% | 0.4% | -0.8% |
| Spain | 18.61 | 18.15 | 18.64 | 17.18 | 17.96 | -2.5% | 2.7% | -7.8% | 4.5% | -3.6% |
| Sweden | 11.94 | 11.83 | 12.02 | 12.18 | 12.81 | -0.9% | 1.6% | 1.3% | 5.2% | 6.6% |
| Turkey | 10.40 | 10.81 | 9.72 | 10.20 | 9.70 | 3.9% | -10.1% | 4.9% | -4.9% | -0.2% |
| United Kingdom | 19.17 | 17.59 | 18.08 | 15.76 | 14.79 | -8.2% | 2.8% | -12.8% | -6.2% | -18.2% |
| Euro Area | 14.01 | 13.73 | 13.73 | 13.21 | 13.40 | -2.0% | 0.0% | -3.8% | 1.4% | -2.4% |
| EU 28 | 14.12 | 13.73 | 13.81 | 13.10 | 13.15 | -2.8% | 0.6% | -5.1% | 0.4% | -4.8% |
| Ireland relative to: | | | | | | | | | | |
| Euro Area | 148.8% | 143.5% | 145.0% | 143.5% | 140.1% | | | | | |
| EU 28 | 147.7% | 143.5% | 144.2% | 144.7% | 142.8% | | | | | |

Source: Eurostat

Table 4 Household Electricity Prices in band DD in Europe (S2 2014 to S2 2016) without taxes

| Band DD | without taxes (c/kWh) | | | | | % change | | | | |
|----------------------|-----------------------|----------------------|-----------------------|----------------------|-----------------------|--------------------|--------------------|--------------------|--------------------|------------------------|
| | July '14 - Dec '14 | Jan '15 - Jun '15 | July '15 - Dec '15 | Jan '16 - Jun '16 | July '16 - Dec '16 | S2 '14 - S1 '15 | S1 '15 - S2 '15 | S2 '15 - S1 '16 | S1 '16 - S2 '16 | 12 months to S2 '16 |
| Austria | 11.76 | 11.32 | 11.10 | 11.07 | 10.86 | -3.7% | -1.9% | -0.3% | -1.9% | -2.2% |
| Belgium | 14.89 | 16.28 | 16.31 | 14.43 | 16.66 | 9.3% | 0.2% | -11.5% | 15.5% | 2.1% |
| Bulgaria | 7.33 | 7.80 | 8.01 | 7.89 | 7.80 | 6.4% | 2.7% | -1.5% | -1.1% | -2.6% |
| Croatia | 9.72 | 9.62 | 9.61 | 9.57 | 9.74 | -1.0% | -0.1% | -0.4% | 1.8% | 1.4% |
| Cyprus | 19.15 | 15.31 | 14.65 | 11.48 | 12.83 | -20.1% | -4.3% | -21.6% | 11.8% | -12.4% |
| Czech Republic | 8.94 | 8.94 | 9.09 | 9.25 | 9.25 | 0.0% | 1.7% | 1.8% | 0.0% | 1.8% |
| Denmark | 8.38 | 8.30 | 7.73 | 8.21 | 8.69 | -1.0% | -6.9% | 6.2% | 5.8% | 12.4% |
| Estonia | 9.51 | 8.89 | 8.99 | 8.68 | 9.13 | -6.5% | 1.1% | -3.4% | 5.2% | 1.6% |
| Finland | 8.93 | 8.70 | 8.50 | 8.49 | 8.49 | -2.6% | -2.3% | -0.1% | 0.0% | -0.1% |
| France | 10.40 | 9.93 | 10.05 | 9.80 | 9.98 | -4.5% | 1.2% | -2.5% | 1.8% | -0.7% |
| Germany | 13.17 | 13.05 | 13.03 | 12.60 | 12.53 | -0.9% | -0.2% | -3.3% | -0.6% | -3.8% |
| Greece | 12.01 | 11.76 | 11.99 | 11.15 | 11.71 | -2.1% | 2.0% | -7.0% | 5.0% | -2.3% |
| Hungary | 8.75 | 8.68 | 8.79 | 8.55 | 8.64 | -0.8% | 1.3% | -2.7% | 1.1% | -1.7% |
| Ireland | 18.43 | 17.14 | 17.68 | 16.76 | 16.56 | -7.0% | 3.2% | -5.2% | -1.2% | -6.3% |
| Italy | 17.78 | 18.59 | 18.09 | 15.97 | 14.86 | 4.6% | -2.7% | -11.7% | -7.0% | -17.9% |
| Latvia | 9.30 | 10.76 | 10.89 | 10.70 | 10.47 | 15.7% | 1.2% | -1.7% | -2.1% | -3.9% |
| Lithuania | 8.54 | 8.36 | 8.30 | 8.23 | 7.83 | -2.1% | -0.7% | -0.8% | -4.9% | -5.7% |
| Luxembourg | 13.01 | 12.04 | 12.04 | 12.01 | 12.01 | -7.5% | 0.0% | -0.2% | 0.0% | -0.2% |
| Malta | 13.91 | 14.15 | 14.09 | 14.29 | 14.26 | 1.7% | -0.4% | 1.4% | -0.2% | 1.2% |
| Netherlands | 9.63 | 9.43 | 8.89 | 8.56 | 8.37 | -2.1% | -5.7% | -3.7% | -2.2% | -5.8% |
| Norway | 7.98 | 7.50 | 6.37 | 6.92 | 7.70 | -6.0% | -15.1% | 8.6% | 11.3% | 20.9% |
| Poland | 10.62 | 10.74 | 10.64 | 9.90 | 10.00 | 1.1% | -0.9% | -7.0% | 1.0% | -6.0% |
| Portugal | 12.54 | 11.05 | 11.08 | 11.90 | 12.03 | -11.9% | 0.3% | 7.4% | 1.1% | 8.6% |
| Romania | 8.94 | 9.13 | 9.26 | 8.74 | 8.75 | 2.1% | 1.4% | -5.6% | 0.1% | -5.5% |
| Slovakia | 10.98 | 10.62 | 10.69 | 10.14 | 10.82 | -3.3% | 0.7% | -5.1% | 6.7% | 1.2% |
| Slovenia | 10.64 | 10.28 | 10.33 | 10.18 | 10.23 | -3.4% | 0.5% | -1.5% | 0.5% | -1.0% |
| Spain | 16.59 | 15.65 | 16.42 | 15.14 | 15.69 | -5.7% | 4.9% | -7.8% | 3.6% | -4.4% |
| Sweden | 9.86 | 9.24 | 9.41 | 9.28 | 10.04 | -6.3% | 1.8% | -1.4% | 8.2% | 6.7% |
| Turkey | 10.45 | 10.78 | 9.69 | 10.20 | 9.68 | 3.2% | -10.1% | 5.3% | -5.1% | -0.1% |
| United Kingdom | 17.31 | 15.86 | 16.67 | 14.51 | 13.78 | -8.4% | 5.1% | -13.0% | -5.0% | -17.3% |
| Euro Area | 13.10 | 12.82 | 12.87 | 12.17 | 12.23 | -2.1% | 0.4% | -5.4% | 0.5% | -5.0% |
| EU 28 | 13.04 | 12.64 | 12.79 | 11.97 | 11.96 | -3.1% | 1.2% | -6.4% | -0.1% | -6.5% |
| Ireland relative to: | | | | | | | | | | |
| Euro Area | 140.7% | 133.7% | 137.4% | 137.7% | 135.4% | | | | | |
| EU 28 | 141.3% | 135.6% | 138.2% | 140.0% | 138.5% | | | | | |

Source: Eurostat

Table 5 Household Electricity Prices in band DE in Europe (S2 2014 to S2 2016) without taxes

| Band DE | without taxes (c/kWh) | | | | | % change | | | | |
|----------------------|-----------------------|----------------------|-----------------------|----------------------|-----------------------|--------------------|--------------------|--------------------|--------------------|------------------------|
| | July '14 - Dec '14 | Jan '15 - Jun '15 | July '15 - Dec '15 | Jan '16 - Jun '16 | July '16 - Dec '16 | S2 '14 - S1 '15 | S1 '15 - S2 '15 | S2 '15 - S1 '16 | S1 '16 - S2 '16 | 12 months to S2 '16 |
| Austria | 10.17 | 9.76 | 9.54 | 9.46 | 9.25 | -4.0% | -2.3% | -0.8% | -2.2% | -3.0% |
| Belgium | 13.17 | 13.56 | 13.37 | 10.30 | 13.96 | 3.0% | -1.4% | -23.0% | 35.5% | 4.4% |
| Bulgaria | 7.08 | 7.75 | 7.97 | 7.93 | 7.72 | 9.5% | 2.8% | -0.5% | -2.6% | -3.1% |
| Croatia | 9.37 | 9.29 | 9.29 | 9.26 | 9.46 | -0.9% | 0.0% | -0.3% | 2.2% | 1.8% |
| Cyprus | 19.31 | 13.68 | 14.78 | 10.20 | 13.03 | -29.2% | 8.0% | -31.0% | 27.7% | -11.8% |
| Czech Republic | 7.60 | 7.64 | 7.76 | 8.43 | 8.44 | 0.5% | 1.6% | 8.6% | 0.1% | 8.8% |
| Denmark | 8.38 | 8.30 | 7.73 | 7.81 | 8.27 | -1.0% | -6.9% | 1.0% | 5.9% | 7.0% |
| Estonia | 8.77 | 8.14 | 8.39 | 7.85 | 8.41 | -7.2% | 3.1% | -6.4% | 7.1% | 0.2% |
| Finland | 7.33 | 7.15 | 6.94 | 6.81 | 6.82 | -2.5% | -2.9% | -1.9% | 0.1% | -1.7% |
| France | 9.89 | 9.60 | 9.76 | 9.52 | 9.64 | -2.9% | 1.7% | -2.5% | 1.3% | -1.2% |
| Germany | 12.75 | 12.61 | 12.53 | 12.17 | 12.10 | -1.1% | -0.6% | -2.9% | -0.6% | -3.4% |
| Greece | 11.61 | 11.18 | 11.44 | 10.59 | 11.42 | -3.7% | 2.3% | -7.4% | 7.8% | -0.2% |
| Hungary | 9.07 | 8.88 | 9.35 | 8.88 | 8.92 | -2.1% | 5.3% | -5.0% | 0.5% | -4.6% |
| Ireland | 15.82 | 15.05 | 15.62 | 14.92 | 14.29 | -4.9% | 3.8% | -4.5% | -4.2% | -8.5% |
| Italy | 20.85 | 20.47 | 20.80 | 15.77 | 13.80 | -1.8% | 1.6% | -24.2% | -12.5% | -33.7% |
| Latvia | 9.42 | 10.53 | 10.74 | 10.40 | 10.56 | 11.8% | 2.0% | -3.2% | 1.5% | -1.7% |
| Lithuania | 7.94 | 7.70 | 7.71 | 7.56 | 7.19 | -3.0% | 0.1% | -1.9% | -4.9% | -6.7% |
| Luxembourg | 11.93 | 11.04 | 11.03 | 11.01 | 11.02 | -7.5% | -0.1% | -0.2% | 0.1% | -0.1% |
| Malta | 36.98 | 34.63 | 32.91 | 34.50 | 37.49 | -6.4% | -5.0% | 4.8% | 8.7% | 13.9% |
| Netherlands | 13.53 | 13.14 | 12.20 | 12.19 | 11.94 | -2.9% | -7.2% | -0.1% | -2.1% | -2.1% |
| Norway | 6.83 | 6.35 | 5.29 | 5.87 | 6.62 | -7.0% | -16.7% | 11.0% | 12.8% | 25.1% |
| Poland | 10.65 | 10.62 | 10.47 | 9.84 | 9.92 | -0.3% | -1.4% | -6.0% | 0.8% | -5.3% |
| Portugal | 12.10 | 10.96 | 10.83 | 11.66 | 11.57 | -9.4% | -1.2% | 7.7% | -0.8% | 6.8% |
| Romania | 8.81 | 8.88 | 9.03 | 8.37 | 8.42 | 0.8% | 1.7% | -7.3% | 0.6% | -6.8% |
| Slovakia | 9.91 | 9.42 | 9.34 | 9.01 | 9.36 | -4.9% | -0.8% | -3.5% | 3.9% | 0.2% |
| Slovenia | 9.90 | 9.66 | 9.69 | 9.53 | 9.54 | -2.4% | 0.3% | -1.7% | 0.1% | -1.5% |
| Spain | 14.05 | 14.47 | 15.74 | 13.89 | 13.13 | 3.0% | 8.8% | -11.8% | -5.5% | -16.6% |
| Sweden | 8.06 | 7.73 | 7.75 | 7.72 | 8.34 | -4.1% | 0.3% | -0.4% | 8.0% | 7.6% |
| Turkey | 10.44 | 10.19 | 9.68 | 10.18 | 9.61 | -2.4% | -5.0% | 5.2% | -5.6% | -0.7% |
| United Kingdom | 15.98 | 14.41 | 15.42 | 13.14 | 13.00 | -9.8% | 7.0% | -14.8% | -1.1% | -15.7% |
| Euro Area | 12.83 | 12.61 | 12.79 | 11.65 | 11.47 | -1.7% | 1.4% | -8.9% | -1.5% | -10.3% |
| EU 28 | 12.55 | 12.17 | 12.44 | 11.31 | 11.21 | -3.0% | 2.2% | -9.1% | -0.9% | -9.9% |
| Ireland relative to: | | | | | | | | | | |
| Euro Area | 123.3% | 119.3% | 122.1% | 128.1% | 124.6% | | | | | |
| EU 28 | 126.1% | 123.7% | 125.6% | 131.9% | 127.5% | | | | | |

Source: Eurostat

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

Table 6 Household Electricity Prices in band DA in Europe (S2 2014 to S2 2016) without VAT

| Band DA | without VAT (c/kWh) | | | | | % change | | | | |
|----------------------|---------------------|-------------------|--------------------|-------------------|--------------------|-----------------|-----------------|-----------------|-----------------|---------------------|
| | July '14 - Dec '14 | Jan '15 - Jun '15 | July '15 - Dec '15 | Jan '16 - Jun '16 | July '16 - Dec '16 | S2 '14 - S1 '15 | S1 '15 - S2 '15 | S2 '15 - S1 '16 | S1 '16 - S2 '16 | 12 months to S2 '16 |
| Austria | 26.30 | 29.58 | 29.39 | 30.79 | 30.71 | 12.5% | -0.6% | 4.8% | -0.3% | 4.5% |
| Belgium | 24.27 | 24.91 | 26.60 | 33.98 | 41.74 | 2.6% | 6.8% | 27.7% | 22.8% | 56.9% |
| Bulgaria | 7.62 | 8.07 | 8.13 | 8.15 | 8.06 | 5.9% | 0.7% | 0.2% | -1.1% | -0.9% |
| Croatia | 16.74 | 17.25 | 16.37 | 18.13 | 16.72 | 3.0% | -5.1% | 10.8% | -7.8% | 2.1% |
| Cyprus | 22.05 | 19.05 | 17.83 | 15.53 | 16.35 | -13.6% | -6.4% | -12.9% | 5.3% | -8.3% |
| Czech Republic | 21.25 | 21.31 | 21.65 | 22.08 | 22.09 | 0.3% | 1.6% | 2.0% | 0.0% | 2.0% |
| Denmark | 26.51 | 26.70 | 26.61 | 30.75 | 30.88 | 0.7% | -0.3% | 15.6% | 0.4% | 16.0% |
| Estonia | 11.45 | 11.23 | 11.02 | 10.96 | 11.33 | -1.9% | -1.9% | -0.5% | 3.4% | 2.8% |
| Finland | 24.11 | 24.51 | 24.32 | 24.93 | 25.45 | 1.7% | -0.8% | 2.5% | 2.1% | 4.6% |
| France | 25.27 | 25.67 | 25.54 | 25.27 | 26.43 | 1.6% | -0.5% | -1.1% | 4.6% | 3.5% |
| Germany | 36.44 | 36.69 | 36.62 | 38.28 | 37.96 | 0.7% | -0.2% | 4.5% | -0.8% | 3.7% |
| Greece | 18.79 | 23.27 | 19.93 | 23.39 | 18.12 | 23.8% | -14.4% | 17.4% | -22.5% | -9.1% |
| Hungary | 10.45 | 10.08 | 10.15 | 9.94 | 10.10 | -3.5% | 0.7% | -2.1% | 1.6% | -0.5% |
| Ireland | 58.59 | 61.41 | 42.38 | 36.05 | 39.05 | 4.8% | -31.0% | -14.9% | 8.3% | -7.9% |
| Italy | 26.46 | 26.86 | 26.56 | 28.65 | 28.68 | 1.5% | -1.1% | 7.9% | 0.1% | 8.0% |
| Latvia | 9.65 | 12.41 | 13.61 | 13.34 | 15.49 | 28.6% | 9.7% | -2.0% | 16.1% | 13.8% |
| Lithuania | 11.19 | 10.64 | 10.54 | 10.42 | 9.89 | -4.9% | -0.9% | -1.1% | -5.1% | -6.2% |
| Luxembourg | 22.24 | 22.20 | 22.20 | 21.56 | 21.56 | -0.2% | 0.0% | -2.9% | 0.0% | -2.9% |
| Malta | 35.04 | 35.60 | 35.28 | 33.54 | 34.67 | 1.6% | -0.9% | -4.9% | 3.4% | -1.7% |
| Netherlands | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Norway | 32.72 | 32.33 | 29.57 | 29.83 | 31.32 | -1.2% | -8.5% | 0.9% | 5.0% | 5.9% |
| Poland | 14.59 | 14.92 | 14.55 | 13.02 | 13.62 | 2.3% | -2.5% | -10.5% | 4.6% | -6.4% |
| Portugal | 32.07 | 31.55 | 32.31 | 31.05 | 33.07 | -1.6% | 2.4% | -3.9% | 6.5% | 2.4% |
| Romania | 10.49 | 11.01 | 10.99 | 10.87 | 10.54 | 5.0% | -0.2% | -1.1% | -3.0% | -4.1% |
| Slovakia | 20.39 | 20.39 | 20.97 | 17.95 | 21.24 | 0.0% | 2.8% | -14.4% | 18.3% | 1.3% |
| Slovenia | 17.45 | 17.97 | 18.22 | 15.28 | 15.27 | 3.0% | 1.4% | -16.1% | -0.1% | -16.2% |
| Spain | 38.54 | 41.92 | 43.75 | 43.10 | 41.68 | 8.8% | 4.4% | -1.5% | -3.3% | -4.7% |
| Sweden | 28.48 | 27.27 | 27.55 | 29.13 | 29.13 | -4.2% | 1.0% | 5.7% | 0.0% | 5.7% |
| Turkey | 11.17 | 11.54 | 10.39 | 10.73 | 10.22 | 3.3% | -10.0% | 3.3% | -4.8% | -1.6% |
| United Kingdom | 23.83 | 24.43 | 25.43 | 23.62 | 26.24 | 2.5% | 4.1% | -7.1% | 11.1% | 3.2% |
| Euro Area | 30.20 | 31.01 | 30.84 | 31.61 | 31.93 | 2.7% | -0.5% | 2.5% | 1.0% | 3.5% |
| EU 28 | 27.35 | 28.02 | 28.05 | 28.42 | 29.02 | 2.4% | 0.1% | 1.3% | 2.1% | 3.5% |
| Ireland relative to: | | | | | | | | | | |
| Euro Area | 194.0% | 198.0% | 137.4% | 114.0% | 122.3% | | | | | |
| EU 28 | 214.2% | 219.2% | 151.1% | 126.8% | 134.6% | | | | | |

Source: Eurostat

Table 7 Household Electricity Prices in band DB in Europe (S2 2014 to S2 2016) without VAT

| Band DB | without VAT (c/kWh) | | | | | % change | | | | |
|----------------------|-----------------------|----------------------|-----------------------|----------------------|-----------------------|--------------------|--------------------|--------------------|--------------------|------------------------|
| | July '14 - Dec '14 | Jan '15 - Jun '15 | July '15 - Dec '15 | Jan '16 - Jun '16 | July '16 - Dec '16 | S2 '14 - S1 '15 | S1 '15 - S2 '15 | S2 '15 - S1 '16 | S1 '16 - S2 '16 | 12 months to S2 '16 |
| Austria | 19.26 | 20.16 | 19.95 | 20.66 | 20.44 | 4.7% | -1.0% | 3.6% | -1.1% | 2.5% |
| Belgium | 20.04 | 21.22 | 21.97 | 23.42 | 26.06 | 5.9% | 3.5% | 6.6% | 11.3% | 18.6% |
| Bulgaria | 7.51 | 7.95 | 8.01 | 8.02 | 7.91 | 5.9% | 0.8% | 0.1% | -1.4% | -1.2% |
| Croatia | 11.42 | 11.44 | 11.30 | 11.37 | 11.49 | 0.2% | -1.2% | 0.6% | 1.1% | 1.7% |
| Cyprus | 19.78 | 16.39 | 15.43 | 12.81 | 13.65 | -17.1% | -5.9% | -17.0% | 6.6% | -11.5% |
| Czech Republic | 15.13 | 15.13 | 15.37 | 15.57 | 15.58 | 0.0% | 1.6% | 1.3% | 0.1% | 1.4% |
| Denmark | 26.51 | 26.70 | 26.61 | 26.72 | 26.74 | 0.7% | -0.3% | 0.4% | 0.1% | 0.5% |
| Estonia | 11.30 | 11.15 | 11.22 | 11.02 | 0.26 | -1.3% | 0.6% | -1.8% | -97.6% | -97.7% |
| Finland | 16.17 | 16.29 | 16.16 | 16.44 | 16.66 | 0.7% | -0.8% | 1.7% | 1.3% | 3.1% |
| France | 16.40 | 16.27 | 16.14 | 16.04 | 16.38 | -0.8% | -0.8% | -0.6% | 2.1% | 1.5% |
| Germany | 27.14 | 26.99 | 26.95 | 27.42 | 27.71 | -0.6% | -0.1% | 1.7% | 1.1% | 2.8% |
| Greece | 15.71 | 15.95 | 16.03 | 15.40 | 15.48 | 1.5% | 0.5% | -3.9% | 0.5% | -3.4% |
| Hungary | 9.38 | 9.19 | 9.34 | 9.09 | 9.21 | -2.0% | 1.6% | -2.7% | 1.3% | -1.4% |
| Ireland | 28.30 | 27.30 | 27.01 | 24.95 | 26.24 | -3.5% | -1.1% | -7.6% | 5.2% | -2.9% |
| Italy | 19.07 | 18.93 | 19.37 | 19.61 | 19.89 | -0.7% | 2.3% | 1.2% | 1.4% | 2.7% |
| Latvia | 9.98 | 13.55 | 13.69 | 13.47 | 13.74 | 35.8% | 1.0% | -1.6% | 2.0% | 0.4% |
| Lithuania | 11.07 | 10.56 | 10.44 | 10.34 | 9.82 | -4.6% | -1.1% | -1.0% | -5.0% | -5.9% |
| Luxembourg | 17.86 | 17.82 | 17.82 | 17.18 | 17.18 | -0.2% | 0.0% | -3.6% | 0.0% | -3.6% |
| Malta | 13.76 | 13.56 | 13.88 | 13.49 | 13.88 | -1.5% | 2.4% | -2.8% | 2.9% | 0.0% |
| Netherlands | 9.90 | 12.91 | 11.14 | 9.43 | 9.24 | 30.4% | -13.7% | -15.4% | -2.0% | -17.1% |
| Norway | 20.30 | 19.92 | 18.00 | 18.51 | 19.64 | -1.9% | -9.6% | 2.8% | 6.1% | 9.1% |
| Poland | 12.08 | 12.48 | 12.19 | 11.44 | 11.64 | 3.3% | -2.3% | -6.2% | 1.7% | -4.5% |
| Portugal | 19.70 | 20.12 | 20.19 | 20.78 | 20.86 | 2.1% | 0.3% | 2.9% | 0.4% | 3.3% |
| Romania | 10.43 | 10.72 | 10.83 | 10.73 | 10.46 | 2.8% | 1.0% | -0.9% | -2.5% | -3.4% |
| Slovakia | 14.32 | 14.52 | 14.57 | 13.23 | 14.90 | 1.4% | 0.3% | -9.2% | 12.6% | 2.3% |
| Slovenia | 15.83 | 15.57 | 16.04 | 16.26 | 16.33 | -1.6% | 3.0% | 1.4% | 0.4% | 1.8% |
| Spain | 22.76 | 22.44 | 23.57 | 22.09 | 23.05 | -1.4% | 5.0% | -6.3% | 4.3% | -2.2% |
| Sweden | 17.30 | 16.53 | 16.70 | 17.12 | 17.56 | -4.5% | 1.0% | 2.5% | 2.6% | 5.1% |
| Turkey | 11.09 | 11.54 | 10.37 | 10.73 | 10.22 | 4.1% | -10.1% | 3.5% | -4.8% | -1.4% |
| United Kingdom | 21.24 | 22.40 | 23.09 | 21.15 | 20.18 | 5.5% | 3.1% | -8.4% | -4.6% | -12.6% |
| Euro Area | 20.22 | 20.18 | 20.28 | 20.15 | 20.56 | -0.2% | 0.5% | -0.6% | 2.0% | 1.4% |
| EU 28 | 19.34 | 19.48 | 19.64 | 19.29 | 19.47 | 0.7% | 0.8% | -1.8% | 0.9% | -0.9% |
| Ireland relative to: | | | | | | | | | | |
| Euro Area | 140.0% | 135.3% | 133.2% | 123.8% | 127.6% | | | | | |
| EU 28 | 146.3% | 140.1% | 137.5% | 129.3% | 134.8% | | | | | |

Source: Eurostat

Table 8 Household Electricity Prices in band DC in Europe (S2 2014 to S2 2016) without VAT

| Band DC | without VAT (c/kWh) | | | | | % change | | | | |
|----------------------|-----------------------|----------------------|-----------------------|----------------------|-----------------------|--------------------|--------------------|--------------------|--------------------|------------------------|
| | July '14 - Dec '14 | Jan '15 - Jun '15 | July '15 - Dec '15 | Jan '16 - Jun '16 | July '16 - Dec '16 | S2 '14 - S1 '15 | S1 '15 - S2 '15 | S2 '15 - S1 '16 | S1 '16 - S2 '16 | 12 months to S2 '16 |
| Austria | 16.56 | 16.74 | 16.52 | 16.95 | 16.75 | 1.1% | -1.3% | 2.6% | -1.2% | 1.4% |
| Belgium | 18.83 | 20.06 | 20.60 | 21.08 | 23.03 | 6.5% | 2.7% | 2.3% | 9.3% | 11.8% |
| Bulgaria | 7.46 | 7.85 | 7.98 | 7.97 | 7.81 | 5.2% | 1.7% | -0.1% | -2.0% | -2.1% |
| Croatia | 10.59 | 10.53 | 10.50 | 10.49 | 10.65 | -0.6% | -0.3% | -0.1% | 1.5% | 1.4% |
| Cyprus | 19.88 | 16.52 | 15.54 | 12.91 | 13.70 | -16.9% | -5.9% | -16.9% | 6.1% | -11.8% |
| Czech Republic | 11.40 | 11.45 | 11.64 | 11.72 | 11.73 | 0.4% | 1.7% | 0.7% | 0.1% | 0.8% |
| Denmark | 24.28 | 24.54 | 24.33 | 24.70 | 24.67 | 1.1% | -0.9% | 1.5% | -0.1% | 1.4% |
| Estonia | 11.04 | 10.85 | 10.85 | 10.76 | 11.01 | -1.7% | 0.0% | -0.8% | 2.3% | 1.5% |
| Finland | 12.40 | 12.52 | 12.34 | 12.42 | 12.46 | 1.0% | -1.4% | 0.6% | 0.3% | 1.0% |
| France | 14.51 | 14.28 | 14.34 | 14.37 | 14.59 | -1.6% | 0.4% | 0.2% | 1.5% | 1.7% |
| Germany | 24.99 | 24.80 | 24.76 | 24.95 | 25.02 | -0.8% | -0.2% | 0.8% | 0.3% | 1.1% |
| Greece | 15.80 | 15.64 | 15.67 | 15.20 | 15.28 | -1.0% | 0.2% | -3.0% | 0.5% | -2.5% |
| Hungary | 9.02 | 8.87 | 9.02 | 8.77 | 8.86 | -1.7% | 1.7% | -2.8% | 1.0% | -1.8% |
| Ireland | 22.35 | 21.37 | 21.62 | 20.44 | 20.60 | -4.4% | 1.2% | -5.5% | 0.8% | -4.7% |
| Italy | 21.25 | 22.27 | 22.07 | 21.94 | 21.28 | 4.8% | -0.9% | -0.6% | -3.0% | -3.6% |
| Latvia | 11.22 | 13.51 | 13.64 | 13.45 | 13.42 | 20.4% | 1.0% | -1.4% | -0.2% | -1.6% |
| Lithuania | 10.90 | 10.38 | 10.27 | 10.17 | 9.68 | -4.8% | -1.1% | -1.0% | -4.8% | -5.7% |
| Luxembourg | 16.40 | 16.36 | 16.36 | 15.72 | 15.72 | -0.2% | 0.0% | -3.9% | 0.0% | -3.9% |
| Malta | 11.89 | 11.97 | 12.09 | 11.97 | 12.13 | 0.7% | 1.0% | -1.0% | 1.3% | 0.3% |
| Netherlands | 14.88 | 16.42 | 15.25 | 13.39 | 13.16 | 10.3% | -7.1% | -12.2% | -1.7% | -13.7% |
| Norway | 13.29 | 12.91 | 11.47 | 12.12 | 13.05 | -2.9% | -11.2% | 5.7% | 7.7% | 13.8% |
| Poland | 11.44 | 11.74 | 11.53 | 10.83 | 10.99 | 2.6% | -1.8% | -6.1% | 1.5% | -4.7% |
| Portugal | 18.17 | 18.56 | 18.60 | 19.11 | 19.22 | 2.1% | 0.2% | 2.7% | 0.6% | 3.3% |
| Romania | 10.06 | 10.51 | 10.63 | 10.51 | 10.28 | 4.5% | 1.1% | -1.1% | -2.2% | -3.3% |
| Slovakia | 12.69 | 12.55 | 12.64 | 11.86 | 12.81 | -1.1% | 0.7% | -6.2% | 8.0% | 1.3% |
| Slovenia | 13.38 | 13.02 | 13.37 | 13.26 | 13.36 | -2.7% | 2.7% | -0.8% | 0.8% | -0.1% |
| Spain | 19.56 | 19.08 | 19.59 | 18.06 | 18.87 | -2.5% | 2.7% | -7.8% | 4.5% | -3.7% |
| Sweden | 14.94 | 14.81 | 14.99 | 15.15 | 15.70 | -0.9% | 1.2% | 1.1% | 3.6% | 4.7% |
| Turkey | 11.11 | 11.52 | 10.36 | 10.73 | 10.22 | 3.7% | -10.1% | 3.6% | -4.8% | -1.4% |
| United Kingdom | 19.17 | 20.24 | 20.79 | 18.59 | 17.44 | 5.6% | 2.7% | -10.6% | -6.2% | -16.1% |
| Euro Area | 18.82 | 18.79 | 18.80 | 18.56 | 18.73 | -0.2% | 0.1% | -1.3% | 0.9% | -0.4% |
| EU 28 | 17.83 | 17.99 | 18.08 | 17.60 | 17.59 | 0.9% | 0.5% | -2.7% | -0.1% | -2.7% |
| Ireland relative to: | | | | | | | | | | |
| Euro Area | 118.8% | 113.7% | 115.0% | 110.1% | 110.0% | | | | | |
| EU 28 | 125.4% | 118.8% | 119.6% | 116.1% | 117.1% | | | | | |

Source: Eurostat

Table 9 Household Electricity Prices in band DD in Europe (S2 2014 to S2 2016) without VAT

| Band DD | without VAT (c/kWh) | | | | | % change | | | | |
|----------------------|-----------------------|----------------------|-----------------------|----------------------|-----------------------|--------------------|--------------------|--------------------|--------------------|------------------------|
| | July '14 - Dec '14 | Jan '15 - Jun '15 | July '15 - Dec '15 | Jan '16 - Jun '16 | July '16 - Dec '16 | S2 '14 - S1 '15 | S1 '15 - S2 '15 | S2 '15 - S1 '16 | S1 '16 - S2 '16 | 12 months to S2 '16 |
| Austria | 15.13 | 14.83 | 14.61 | 14.93 | 14.72 | -2.0% | -1.5% | 2.2% | -1.4% | 0.8% |
| Belgium | 16.90 | 18.18 | 18.42 | 19.30 | 20.97 | 7.6% | 1.3% | 4.8% | 8.7% | 13.8% |
| Bulgaria | 7.33 | 7.80 | 8.01 | 7.89 | 7.80 | 6.4% | 2.7% | -1.5% | -1.1% | -2.6% |
| Croatia | 10.18 | 10.07 | 10.07 | 10.04 | 10.21 | -1.1% | 0.0% | -0.3% | 1.7% | 1.4% |
| Cyprus | 19.87 | 16.09 | 15.55 | 12.46 | 13.67 | -19.0% | -3.4% | -19.9% | 9.7% | -12.1% |
| Czech Republic | 9.05 | 9.05 | 9.20 | 9.36 | 9.36 | 0.0% | 1.7% | 1.7% | 0.0% | 1.7% |
| Denmark | 18.36 | 18.03 | 17.77 | 19.45 | 19.38 | -1.8% | -1.4% | 9.5% | -0.4% | 9.1% |
| Estonia | 10.73 | 10.23 | 10.33 | 10.09 | 10.54 | -4.7% | 1.0% | -2.3% | 4.5% | 2.0% |
| Finland | 10.83 | 10.95 | 10.76 | 10.74 | 10.74 | 1.1% | -1.7% | -0.2% | 0.0% | -0.2% |
| France | 13.25 | 13.09 | 13.23 | 13.27 | 13.47 | -1.2% | 1.1% | 0.3% | 1.5% | 1.8% |
| Germany | 23.76 | 23.54 | 23.50 | 23.63 | 23.70 | -0.9% | -0.2% | 0.6% | 0.3% | 0.9% |
| Greece | 16.74 | 16.77 | 16.64 | 15.92 | 16.27 | 0.2% | -0.8% | -4.3% | 2.2% | -2.2% |
| Hungary | 8.75 | 8.68 | 8.79 | 8.55 | 8.64 | -0.8% | 1.3% | -2.7% | 1.1% | -1.7% |
| Ireland | 19.23 | 17.97 | 18.62 | 17.54 | 17.55 | -6.6% | 3.6% | -5.8% | 0.1% | -5.7% |
| Italy | 26.67 | 27.77 | 27.57 | 25.73 | 24.36 | 4.1% | -0.7% | -6.7% | -5.3% | -11.6% |
| Latvia | 11.98 | 13.44 | 13.56 | 13.38 | 13.15 | 12.2% | 0.9% | -1.3% | -1.7% | -3.0% |
| Lithuania | 10.61 | 10.01 | 9.94 | 9.80 | 9.33 | -5.7% | -0.7% | -1.4% | -4.8% | -6.1% |
| Luxembourg | 15.10 | 15.09 | 15.09 | 14.46 | 14.46 | -0.1% | 0.0% | -4.2% | 0.0% | -4.2% |
| Malta | 13.91 | 14.15 | 14.09 | 14.29 | 14.26 | 1.7% | -0.4% | 1.4% | -0.2% | 1.2% |
| Netherlands | 16.46 | 17.23 | 16.49 | 14.53 | 14.29 | 4.7% | -4.3% | -11.9% | -1.7% | -13.3% |
| Norway | 9.45 | 9.07 | 7.90 | 8.62 | 9.45 | -4.0% | -12.9% | 9.1% | 9.6% | 19.6% |
| Poland | 11.09 | 11.23 | 11.11 | 10.36 | 10.46 | 1.3% | -1.1% | -6.8% | 1.0% | -5.9% |
| Portugal | 17.35 | 17.62 | 17.67 | 18.22 | 18.42 | 1.6% | 0.3% | 3.1% | 1.1% | 4.2% |
| Romania | 9.95 | 10.36 | 10.52 | 10.12 | 10.10 | 4.1% | 1.5% | -3.8% | -0.2% | -4.0% |
| Slovakia | 11.30 | 10.94 | 11.01 | 10.46 | 11.14 | -3.2% | 0.6% | -5.0% | 6.5% | 1.2% |
| Slovenia | 11.91 | 11.45 | 11.69 | 11.52 | 11.63 | -3.9% | 2.1% | -1.5% | 1.0% | -0.5% |
| Spain | 17.44 | 16.45 | 17.26 | 15.92 | 16.49 | -5.7% | 4.9% | -7.8% | 3.6% | -4.5% |
| Sweden | 12.86 | 12.22 | 12.38 | 12.25 | 12.92 | -5.0% | 1.3% | -1.1% | 5.5% | 4.4% |
| Turkey | 11.16 | 11.49 | 10.32 | 10.73 | 10.20 | 3.0% | -10.2% | 4.0% | -4.9% | -1.2% |
| United Kingdom | 17.31 | 18.23 | 19.19 | 17.12 | 16.26 | 5.3% | 5.3% | -10.8% | -5.0% | -15.3% |
| Euro Area | 18.40 | 18.28 | 18.36 | 17.92 | 17.97 | -0.7% | 0.4% | -2.4% | 0.3% | -2.1% |
| EU 28 | 17.03 | 17.07 | 17.26 | 16.66 | 16.61 | 0.2% | 1.1% | -3.5% | -0.3% | -3.8% |
| Ireland relative to: | | | | | | | | | | |
| Euro Area | 104.5% | 98.3% | 101.4% | 97.9% | 97.7% | | | | | |
| EU 28 | 112.9% | 105.3% | 107.9% | 105.3% | 105.7% | | | | | |

Source: Eurostat

Table 10 Household Electricity Prices in band DE in Europe (S2 2014 to S2 2016) without VAT

| Band DE | without VAT (c/kWh) | | | | | % change | | | | |
|----------------------|-----------------------|----------------------|-----------------------|----------------------|-----------------------|--------------------|--------------------|--------------------|--------------------|------------------------|
| | July '14 - Dec '14 | Jan '15 - Jun '15 | July '15 - Dec '15 | Jan '16 - Jun '16 | July '16 - Dec '16 | S2 '14 - S1 '15 | S1 '15 - S2 '15 | S2 '15 - S1 '16 | S1 '16 - S2 '16 | 12 months to S2 '16 |
| Austria | 13.10 | 12.65 | 12.42 | 12.64 | 12.42 | -3.4% | -1.8% | 1.8% | -1.7% | 0.0% |
| Belgium | 14.73 | 15.22 | 15.07 | 14.80 | 18.51 | 3.3% | -1.0% | -1.8% | 25.1% | 22.8% |
| Bulgaria | 7.08 | 7.75 | 7.97 | 7.93 | 7.72 | 9.5% | 2.8% | -0.5% | -2.6% | -3.1% |
| Croatia | 9.83 | 9.75 | 9.75 | 9.73 | 9.94 | -0.8% | 0.0% | -0.2% | 2.2% | 1.9% |
| Cyprus | 20.03 | 14.46 | 15.69 | 11.17 | 13.86 | -27.8% | 8.5% | -28.8% | 24.1% | -11.7% |
| Czech Republic | 7.71 | 7.75 | 7.87 | 8.54 | 8.55 | 0.5% | 1.5% | 8.5% | 0.1% | 8.6% |
| Denmark | 18.36 | 18.03 | 17.77 | 17.70 | 17.62 | -1.8% | -1.4% | -0.4% | -0.5% | -0.8% |
| Estonia | 9.99 | 9.48 | 9.74 | 9.26 | 9.82 | -5.1% | 2.7% | -4.9% | 6.0% | 0.8% |
| Finland | 9.23 | 9.40 | 9.19 | 9.07 | 9.07 | 1.8% | -2.2% | -1.3% | 0.0% | -1.3% |
| France | 12.76 | 12.76 | 12.94 | 12.99 | 13.11 | 0.0% | 1.4% | 0.4% | 0.9% | 1.3% |
| Germany | 22.81 | 22.49 | 22.51 | 22.52 | 22.54 | -1.4% | 0.1% | 0.0% | 0.1% | 0.1% |
| Greece | 17.75 | 16.56 | 17.35 | 16.19 | 17.44 | -6.7% | 4.8% | -6.7% | 7.7% | 0.5% |
| Hungary | 9.07 | 8.88 | 9.35 | 8.88 | 8.92 | -2.1% | 5.3% | -5.0% | 0.5% | -4.6% |
| Ireland | 16.07 | 15.32 | 15.93 | 15.18 | 14.62 | -4.7% | 4.0% | -4.7% | -3.7% | -8.2% |
| Italy | 30.29 | 29.85 | 30.93 | 26.07 | 23.90 | -1.5% | 3.6% | -15.7% | -8.3% | -22.7% |
| Latvia | 12.09 | 13.21 | 13.42 | 13.08 | 13.24 | 9.3% | 1.6% | -2.5% | 1.2% | -1.3% |
| Lithuania | 10.01 | 9.34 | 9.36 | 9.13 | 8.69 | -6.7% | 0.2% | -2.5% | -4.8% | -7.2% |
| Luxembourg | 14.02 | 14.09 | 14.08 | 13.46 | 13.47 | 0.5% | -0.1% | -4.4% | 0.1% | -4.3% |
| Malta | 36.98 | 34.63 | 32.91 | 34.50 | 37.49 | -6.4% | -5.0% | 4.8% | 8.7% | 13.9% |
| Netherlands | 16.99 | 21.75 | 16.34 | 20.10 | 16.62 | 28.0% | -24.9% | 23.0% | -17.3% | 1.7% |
| Norway | 8.30 | 7.92 | 6.83 | 7.57 | 8.36 | -4.6% | -13.8% | 10.8% | 10.4% | 22.4% |
| Poland | 11.13 | 11.11 | 10.95 | 10.30 | 10.38 | -0.2% | -1.4% | -5.9% | 0.8% | -5.2% |
| Portugal | 16.33 | 17.03 | 16.83 | 17.51 | 17.38 | 4.3% | -1.2% | 4.0% | -0.7% | 3.3% |
| Romania | 9.81 | 10.08 | 10.28 | 9.79 | 9.77 | 2.8% | 2.0% | -4.8% | -0.2% | -5.0% |
| Slovakia | 10.23 | 9.74 | 9.66 | 9.33 | 9.68 | -4.8% | -0.8% | -3.4% | 3.8% | 0.2% |
| Slovenia | 10.73 | 10.42 | 10.55 | 10.38 | 10.42 | -2.9% | 1.2% | -1.6% | 0.4% | -1.2% |
| Spain | 14.77 | 15.21 | 16.54 | 14.60 | 13.80 | 3.0% | 8.7% | -11.7% | -5.5% | -16.6% |
| Sweden | 11.07 | 10.70 | 10.72 | 10.69 | 11.23 | -3.3% | 0.2% | -0.3% | 5.1% | 4.8% |
| Turkey | 11.14 | 10.85 | 10.31 | 10.71 | 10.12 | -2.6% | -5.0% | 3.9% | -5.5% | -1.8% |
| United Kingdom | 15.98 | 16.57 | 17.74 | 15.49 | 15.32 | 3.7% | 7.1% | -12.7% | -1.1% | -13.6% |
| Euro Area | 17.91 | 17.93 | 18.07 | 17.36 | 17.05 | 0.1% | 0.8% | -3.9% | -1.8% | -5.6% |
| EU 28 | 16.39 | 16.49 | 16.75 | 15.92 | 15.72 | 0.6% | 1.6% | -5.0% | -1.3% | -6.1% |
| Ireland relative to: | | | | | | | | | | |
| Euro Area | 89.7% | 85.4% | 88.2% | 87.4% | 85.7% | | | | | |
| EU 28 | 98.0% | 92.9% | 95.1% | 95.4% | 93.0% | | | | | |

Source: Eurostat

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

Table 11 Household Electricity Prices in band DA in Europe (S2 2014 to S2 2016) all taxes included

| Band DA | all taxes included (c/kWh) | | | | | % change | | | | |
|----------------------|----------------------------|-------------------|--------------------|-------------------|--------------------|-----------------|-----------------|-----------------|-----------------|---------------------|
| | July '14 - Dec '14 | Jan '15 - Jun '15 | July '15 - Dec '15 | Jan '16 - Jun '16 | July '16 - Dec '16 | S2 '14 - S1 '15 | S1 '15 - S2 '15 | S2 '15 - S1 '16 | S1 '16 - S2 '16 | 12 months to S2 '16 |
| Austria | 31.56 | 35.50 | 35.27 | 36.95 | 36.85 | 12.5% | -0.6% | 4.8% | -0.3% | 4.5% |
| Belgium | 25.95 | 26.41 | 30.82 | 40.88 | 49.34 | 1.8% | 16.7% | 32.6% | 20.7% | 60.1% |
| Bulgaria | 9.14 | 9.69 | 9.76 | 9.78 | 9.67 | 6.0% | 0.7% | 0.2% | -1.1% | -0.9% |
| Croatia | 20.92 | 21.56 | 20.46 | 22.66 | 20.89 | 3.1% | -5.1% | 10.8% | -7.8% | 2.1% |
| Cyprus | 26.26 | 22.74 | 21.33 | 18.60 | 19.62 | -13.4% | -6.2% | -12.8% | 5.5% | -8.0% |
| Czech Republic | 25.70 | 25.78 | 26.20 | 26.70 | 26.71 | 0.3% | 1.6% | 1.9% | 0.0% | 1.9% |
| Denmark | 33.14 | 33.37 | 33.26 | 38.43 | 38.60 | 0.7% | -0.3% | 15.5% | 0.4% | 16.1% |
| Estonia | 13.74 | 13.47 | 13.22 | 12.47 | 12.80 | -2.0% | -1.9% | -5.7% | 2.6% | -3.2% |
| Finland | 29.89 | 30.39 | 30.16 | 30.91 | 31.56 | 1.7% | -0.8% | 2.5% | 2.1% | 4.6% |
| France | 28.21 | 28.70 | 28.50 | 28.21 | 29.45 | 1.7% | -0.7% | -1.0% | 4.4% | 3.3% |
| Germany | 43.36 | 43.66 | 43.58 | 45.55 | 45.17 | 0.7% | -0.2% | 4.5% | -0.8% | 3.6% |
| Greece | 21.23 | 26.29 | 22.52 | 26.42 | 20.44 | 23.8% | -14.3% | 17.3% | -22.6% | -9.2% |
| Hungary | 13.27 | 12.80 | 12.89 | 12.62 | 12.83 | -3.5% | 0.7% | -2.1% | 1.7% | -0.5% |
| Ireland | 66.50 | 69.70 | 48.10 | 40.91 | 44.33 | 4.8% | -31.0% | -14.9% | 8.4% | -7.8% |
| Italy | 29.13 | 29.57 | 29.25 | 31.55 | 31.58 | 1.5% | -1.1% | 7.9% | 0.1% | 8.0% |
| Latvia | 11.11 | 15.01 | 16.47 | 16.14 | 18.75 | 35.1% | 9.7% | -2.0% | 16.2% | 13.8% |
| Lithuania | 13.55 | 12.87 | 12.75 | 12.61 | 11.97 | -5.0% | -0.9% | -1.1% | -5.1% | -6.1% |
| Luxembourg | 23.57 | 23.97 | 23.97 | 23.28 | 23.28 | 1.7% | 0.0% | -2.9% | 0.0% | -2.9% |
| Malta | 36.79 | 37.38 | 37.04 | 35.22 | 36.40 | 1.6% | -0.9% | -4.9% | 3.4% | -1.7% |
| Netherlands | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Norway | 40.89 | 40.41 | 36.96 | 37.29 | 39.15 | -1.2% | -8.5% | 0.9% | 5.0% | 5.9% |
| Poland | 17.94 | 18.36 | 17.90 | 16.02 | 16.75 | 2.3% | -2.5% | -10.5% | 4.6% | -6.4% |
| Portugal | 39.40 | 38.74 | 39.71 | 38.19 | 40.68 | -1.7% | 2.5% | -3.8% | 6.5% | 2.4% |
| Romania | 13.00 | 13.66 | 13.62 | 13.02 | 12.65 | 5.1% | -0.3% | -4.4% | -2.8% | -7.1% |
| Slovakia | 24.47 | 24.47 | 25.16 | 21.54 | 25.49 | 0.0% | 2.8% | -14.4% | 18.3% | 1.3% |
| Slovenia | 21.29 | 21.92 | 22.23 | 18.65 | 18.63 | 3.0% | 1.4% | -16.1% | -0.1% | -16.2% |
| Spain | 46.64 | 50.72 | 52.94 | 52.15 | 50.43 | 8.7% | 4.4% | -1.5% | -3.3% | -4.7% |
| Sweden | 35.59 | 34.08 | 34.43 | 36.42 | 36.41 | -4.2% | 1.0% | 5.8% | 0.0% | 5.8% |
| Turkey | 13.18 | 13.61 | 12.26 | 12.66 | 12.06 | 3.3% | -9.9% | 3.3% | -4.7% | -1.6% |
| United Kingdom | 25.03 | 25.66 | 26.71 | 24.80 | 27.55 | 2.5% | 4.1% | -7.2% | 11.1% | 3.1% |
| Euro Area | 35.12 | 36.06 | 35.96 | 36.89 | 37.22 | 2.7% | -0.3% | 2.6% | 0.9% | 3.5% |
| EU 28 | 31.69 | 32.46 | 32.54 | 33.04 | 33.65 | 2.4% | 0.2% | 1.5% | 1.8% | 3.4% |
| Ireland relative to: | | | | | | | | | | |
| Euro Area | 189.4% | 193.3% | 133.8% | 110.9% | 119.1% | | | | | |
| EU 28 | 209.8% | 214.7% | 147.8% | 123.8% | 131.7% | | | | | |

Source: Eurostat

Table 12 Household Electricity Prices in band DB in Europe (S2 2014 to S2 2016) all taxes included

| Band DB | all taxes included (c/kWh) | | | | | % change | | | | |
|----------------------|----------------------------|----------------------|-----------------------|----------------------|-----------------------|--------------------|--------------------|--------------------|--------------------|------------------------|
| | July '14 - Dec '14 | Jan '15 - Jun '15 | July '15 - Dec '15 | Jan '16 - Jun '16 | July '16 - Dec '16 | S2 '14 - S1 '15 | S1 '15 - S2 '15 | S2 '15 - S1 '16 | S1 '16 - S2 '16 | 12 months to S2 '16 |
| Austria | 23.11 | 24.19 | 23.93 | 24.79 | 24.53 | 4.7% | -1.1% | 3.6% | -1.0% | 2.5% |
| Belgium | 21.57 | 22.49 | 25.28 | 28.23 | 30.96 | 4.3% | 12.4% | 11.7% | 9.7% | 22.5% |
| Bulgaria | 9.01 | 9.54 | 9.61 | 9.63 | 9.49 | 5.9% | 0.7% | 0.2% | -1.5% | -1.2% |
| Croatia | 14.28 | 14.31 | 14.12 | 14.22 | 14.35 | 0.2% | -1.3% | 0.7% | 0.9% | 1.6% |
| Cyprus | 23.45 | 19.43 | 18.26 | 15.17 | 16.16 | -17.1% | -6.0% | -16.9% | 6.5% | -11.5% |
| Czech Republic | 18.32 | 18.29 | 18.58 | 18.82 | 18.83 | -0.2% | 1.6% | 1.3% | 0.1% | 1.3% |
| Denmark | 33.14 | 33.37 | 33.26 | 33.40 | 33.43 | 0.7% | -0.3% | 0.4% | 0.1% | 0.5% |
| Estonia | 13.55 | 13.38 | 13.29 | 12.41 | 12.68 | -1.3% | -0.7% | -6.6% | 2.2% | -4.6% |
| Finland | 20.04 | 20.20 | 20.04 | 20.39 | 20.65 | 0.8% | -0.8% | 1.7% | 1.3% | 3.0% |
| France | 18.99 | 18.85 | 18.68 | 18.58 | 18.94 | -0.7% | -0.9% | -0.5% | 1.9% | 1.4% |
| Germany | 32.30 | 32.12 | 32.07 | 32.63 | 32.97 | -0.6% | -0.2% | 1.7% | 1.0% | 2.8% |
| Greece | 17.75 | 18.03 | 18.12 | 16.92 | 17.47 | 1.6% | 0.5% | -6.6% | 3.3% | -3.6% |
| Hungary | 11.91 | 11.67 | 11.86 | 11.55 | 11.69 | -2.0% | 1.6% | -2.6% | 1.2% | -1.4% |
| Ireland | 32.12 | 30.98 | 30.66 | 28.31 | 29.79 | -3.5% | -1.0% | -7.7% | 5.2% | -2.8% |
| Italy | 20.99 | 20.82 | 21.31 | 21.58 | 21.88 | -0.8% | 2.4% | 1.3% | 1.4% | 2.7% |
| Latvia | 11.51 | 16.40 | 16.57 | 16.30 | 16.62 | 42.5% | 1.0% | -1.6% | 2.0% | 0.3% |
| Lithuania | 13.39 | 12.78 | 12.63 | 12.51 | 11.88 | -4.6% | -1.2% | -1.0% | -5.0% | -5.9% |
| Luxembourg | 18.93 | 19.24 | 19.24 | 18.55 | 18.55 | 1.6% | 0.0% | -3.6% | 0.0% | -3.6% |
| Malta | 14.45 | 14.24 | 14.57 | 14.16 | 14.57 | -1.5% | 2.3% | -2.8% | 2.9% | 0.0% |
| Netherlands | 11.98 | 15.62 | 13.47 | 11.41 | 11.17 | 30.4% | -13.8% | -15.3% | -2.1% | -17.1% |
| Norway | 25.37 | 24.90 | 22.50 | 23.14 | 24.56 | -1.9% | -9.6% | 2.8% | 6.1% | 9.2% |
| Poland | 14.86 | 15.35 | 15.00 | 14.08 | 14.32 | 3.3% | -2.3% | -6.1% | 1.7% | -4.5% |
| Portugal | 24.20 | 24.71 | 24.81 | 25.56 | 25.66 | 2.1% | 0.4% | 3.0% | 0.4% | 3.4% |
| Romania | 12.93 | 13.30 | 13.43 | 12.85 | 12.55 | 2.9% | 1.0% | -4.3% | -2.3% | -6.6% |
| Slovakia | 17.18 | 17.42 | 17.48 | 15.88 | 17.88 | 1.4% | 0.3% | -9.2% | 12.6% | 2.3% |
| Slovenia | 19.32 | 19.00 | 19.57 | 19.84 | 19.93 | -1.7% | 3.0% | 1.4% | 0.5% | 1.8% |
| Spain | 27.55 | 27.15 | 28.52 | 26.72 | 27.89 | -1.5% | 5.0% | -6.3% | 4.4% | -2.2% |
| Sweden | 21.62 | 20.67 | 20.88 | 21.40 | 21.95 | -4.4% | 1.0% | 2.5% | 2.6% | 5.1% |
| Turkey | 13.09 | 13.61 | 12.24 | 12.66 | 12.06 | 4.0% | -10.1% | 3.4% | -4.7% | -1.5% |
| United Kingdom | 22.30 | 23.52 | 24.25 | 22.21 | 21.19 | 5.5% | 3.1% | -8.4% | -4.6% | -12.6% |
| Euro Area | 23.70 | 23.65 | 23.82 | 23.70 | 24.21 | -0.2% | 0.7% | -0.5% | 2.2% | 1.6% |
| EU 28 | 22.48 | 22.62 | 22.84 | 22.47 | 22.72 | 0.6% | 1.0% | -1.6% | 1.1% | -0.5% |
| Ireland relative to: | | | | | | | | | | |
| Euro Area | 135.5% | 131.0% | 128.7% | 119.5% | 123.0% | | | | | |
| EU 28 | 142.9% | 137.0% | 134.2% | 126.0% | 131.1% | | | | | |

Source: Eurostat

Table 13 Household Electricity Prices in band DC in Europe (S2 2014 to S2 2016) all taxes included

| Band DC | all taxes included (c/kWh) | | | | | % change | | | | |
|----------------------|----------------------------|----------------------|-----------------------|----------------------|-----------------------|--------------------|--------------------|--------------------|--------------------|------------------------|
| | July '14 - Dec '14 | Jan '15 - Jun '15 | July '15 - Dec '15 | Jan '16 - Jun '16 | July '16 - Dec '16 | S2 '14 - S1 '15 | S1 '15 - S2 '15 | S2 '15 - S1 '16 | S1 '16 - S2 '16 | 12 months to S2 '16 |
| Austria | 19.87 | 20.09 | 19.83 | 20.34 | 20.10 | 1.1% | -1.3% | 2.6% | -1.2% | 1.4% |
| Belgium | 20.43 | 21.26 | 23.52 | 25.44 | 27.45 | 4.1% | 10.6% | 8.2% | 7.9% | 16.7% |
| Bulgaria | 8.95 | 9.42 | 9.57 | 9.56 | 9.38 | 5.3% | 1.6% | -0.1% | -1.9% | -2.0% |
| Croatia | 13.24 | 13.17 | 13.12 | 13.11 | 13.31 | -0.5% | -0.4% | -0.1% | 1.5% | 1.4% |
| Cyprus | 23.56 | 19.57 | 18.38 | 15.27 | 16.21 | -16.9% | -6.1% | -16.9% | 6.2% | -11.8% |
| Czech Republic | 13.79 | 13.85 | 14.08 | 14.20 | 14.21 | 0.4% | 1.7% | 0.9% | 0.1% | 0.9% |
| Denmark | 30.35 | 30.68 | 30.42 | 30.88 | 30.84 | 1.1% | -0.8% | 1.5% | -0.1% | 1.4% |
| Estonia | 13.25 | 13.02 | 12.91 | 12.08 | 12.38 | -1.7% | -0.8% | -6.4% | 2.5% | -4.1% |
| Finland | 15.38 | 15.52 | 15.30 | 15.41 | 15.45 | 0.9% | -1.4% | 0.7% | 0.3% | 1.0% |
| France | 17.02 | 16.76 | 16.82 | 16.85 | 17.11 | -1.5% | 0.4% | 0.2% | 1.5% | 1.7% |
| Germany | 29.74 | 29.51 | 29.46 | 29.69 | 29.77 | -0.8% | -0.2% | 0.8% | 0.3% | 1.1% |
| Greece | 17.85 | 17.67 | 17.71 | 17.16 | 17.23 | -1.0% | 0.2% | -3.1% | 0.4% | -2.7% |
| Hungary | 11.46 | 11.27 | 11.45 | 11.14 | 11.25 | -1.7% | 1.6% | -2.7% | 1.0% | -1.7% |
| Ireland | 25.36 | 24.26 | 24.54 | 23.20 | 23.38 | -4.3% | 1.2% | -5.5% | 0.8% | -4.7% |
| Italy | 23.38 | 24.50 | 24.28 | 24.13 | 23.40 | 4.8% | -0.9% | -0.6% | -3.0% | -3.6% |
| Latvia | 13.01 | 16.35 | 16.50 | 16.28 | 16.24 | 25.7% | 0.9% | -1.3% | -0.2% | -1.6% |
| Lithuania | 13.19 | 12.56 | 12.43 | 12.31 | 11.71 | -4.8% | -1.0% | -1.0% | -4.9% | -5.8% |
| Luxembourg | 17.38 | 17.67 | 17.67 | 16.98 | 16.98 | 1.7% | 0.0% | -3.9% | 0.0% | -3.9% |
| Malta | 12.48 | 12.57 | 12.69 | 12.57 | 12.74 | 0.7% | 1.0% | -0.9% | 1.4% | 0.4% |
| Netherlands | 18.01 | 19.86 | 18.46 | 16.20 | 15.92 | 10.3% | -7.0% | -12.2% | -1.7% | -13.8% |
| Norway | 16.61 | 16.14 | 14.34 | 15.15 | 16.31 | -2.8% | -11.2% | 5.6% | 7.7% | 13.7% |
| Poland | 14.08 | 14.44 | 14.18 | 13.32 | 13.52 | 2.6% | -1.8% | -6.1% | 1.5% | -4.7% |
| Portugal | 22.31 | 22.79 | 22.85 | 23.50 | 23.64 | 2.2% | 0.3% | 2.8% | 0.6% | 3.5% |
| Romania | 12.48 | 13.03 | 13.19 | 12.60 | 12.33 | 4.4% | 1.2% | -4.5% | -2.1% | -6.5% |
| Slovakia | 15.23 | 15.06 | 15.17 | 14.23 | 15.37 | -1.1% | 0.7% | -6.2% | 8.0% | 1.3% |
| Slovenia | 16.32 | 15.89 | 16.31 | 16.18 | 16.29 | -2.6% | 2.6% | -0.8% | 0.7% | -0.1% |
| Spain | 23.67 | 23.09 | 23.70 | 21.85 | 22.84 | -2.5% | 2.6% | -7.8% | 4.5% | -3.6% |
| Sweden | 18.67 | 18.51 | 18.74 | 18.94 | 19.62 | -0.9% | 1.2% | 1.1% | 3.6% | 4.7% |
| Turkey | 13.10 | 13.60 | 12.22 | 12.67 | 12.05 | 3.8% | -10.1% | 3.7% | -4.9% | -1.4% |
| United Kingdom | 20.13 | 21.25 | 21.83 | 19.51 | 18.31 | 5.6% | 2.7% | -10.6% | -6.2% | -16.1% |
| Euro Area | 22.10 | 22.02 | 22.09 | 21.84 | 22.04 | -0.4% | 0.3% | -1.1% | 0.9% | -0.2% |
| EU 28 | 20.75 | 20.90 | 21.03 | 20.52 | 20.54 | 0.7% | 0.6% | -2.4% | 0.1% | -2.3% |
| Ireland relative to: | | | | | | | | | | |
| Euro Area | 114.8% | 110.2% | 111.1% | 106.2% | 106.1% | | | | | |
| EU 28 | 122.2% | 116.1% | 116.7% | 113.1% | 113.8% | | | | | |

Source: Eurostat

Table 14 Household Electricity Prices in band DD in Europe (S2 2014 to S2 2016) all taxes included

| Band DD | all taxes included (c/kWh) | | | | | % change | | | | |
|----------------------|----------------------------|----------------------|-----------------------|----------------------|-----------------------|--------------------|--------------------|--------------------|--------------------|------------------------|
| | July '14 - Dec '14 | Jan '15 - Jun '15 | July '15 - Dec '15 | Jan '16 - Jun '16 | July '16 - Dec '16 | S2 '14 - S1 '15 | S1 '15 - S2 '15 | S2 '15 - S1 '16 | S1 '16 - S2 '16 | 12 months to S2 '16 |
| Austria | 18.15 | 17.80 | 17.53 | 17.92 | 17.66 | -1.9% | -1.5% | 2.2% | -1.5% | 0.7% |
| Belgium | 17.91 | 19.26 | 21.05 | 23.30 | 25.00 | 7.5% | 9.3% | 10.7% | 7.3% | 18.8% |
| Bulgaria | 8.79 | 9.36 | 9.61 | 9.47 | 9.36 | 6.5% | 2.7% | -1.5% | -1.2% | -2.6% |
| Croatia | 12.72 | 12.59 | 12.59 | 12.55 | 12.75 | -1.0% | 0.0% | -0.3% | 1.6% | 1.3% |
| Cyprus | 23.55 | 19.04 | 18.39 | 14.72 | 16.17 | -19.2% | -3.4% | -20.0% | 9.9% | -12.1% |
| Czech Republic | 10.97 | 10.94 | 11.12 | 11.32 | 11.32 | -0.3% | 1.6% | 1.8% | 0.0% | 1.8% |
| Denmark | 22.95 | 22.58 | 22.22 | 24.32 | 24.23 | -1.6% | -1.6% | 9.5% | -0.4% | 9.0% |
| Estonia | 12.88 | 12.28 | 12.39 | 11.35 | 11.86 | -4.7% | 0.9% | -8.4% | 4.5% | -4.3% |
| Finland | 13.43 | 13.58 | 13.34 | 13.32 | 13.32 | 1.1% | -1.8% | -0.1% | 0.0% | -0.1% |
| France | 15.69 | 15.48 | 15.65 | 15.70 | 15.94 | -1.3% | 1.1% | 0.3% | 1.5% | 1.9% |
| Germany | 28.27 | 28.01 | 27.97 | 28.12 | 28.20 | -0.9% | -0.1% | 0.5% | 0.3% | 0.8% |
| Greece | 18.92 | 18.95 | 18.80 | 17.18 | 18.35 | 0.2% | -0.8% | -8.6% | 6.8% | -2.4% |
| Hungary | 11.11 | 11.03 | 11.17 | 10.86 | 10.97 | -0.7% | 1.3% | -2.8% | 1.0% | -1.8% |
| Ireland | 21.83 | 20.40 | 21.13 | 19.91 | 19.92 | -6.6% | 3.6% | -5.8% | 0.1% | -5.7% |
| Italy | 29.35 | 30.55 | 30.33 | 28.31 | 26.81 | 4.1% | -0.7% | -6.7% | -5.3% | -11.6% |
| Latvia | 13.93 | 16.26 | 16.41 | 16.19 | 15.91 | 16.7% | 0.9% | -1.3% | -1.7% | -3.0% |
| Lithuania | 12.84 | 12.11 | 12.03 | 11.86 | 11.29 | -5.7% | -0.7% | -1.4% | -4.8% | -6.2% |
| Luxembourg | 16.00 | 16.29 | 16.29 | 15.61 | 15.61 | 1.8% | 0.0% | -4.2% | 0.0% | -4.2% |
| Malta | 14.61 | 14.86 | 14.79 | 15.00 | 14.97 | 1.7% | -0.5% | 1.4% | -0.2% | 1.2% |
| Netherlands | 19.92 | 20.84 | 19.95 | 17.58 | 17.29 | 4.6% | -4.3% | -11.9% | -1.6% | -13.3% |
| Norway | 11.81 | 11.34 | 9.87 | 10.77 | 11.81 | -4.0% | -13.0% | 9.1% | 9.7% | 19.7% |
| Poland | 13.64 | 13.81 | 13.66 | 12.74 | 12.87 | 1.2% | -1.1% | -6.7% | 1.0% | -5.8% |
| Portugal | 21.32 | 21.65 | 21.71 | 22.42 | 22.65 | 1.5% | 0.3% | 3.3% | 1.0% | 4.3% |
| Romania | 12.34 | 12.85 | 13.04 | 12.12 | 12.11 | 4.1% | 1.5% | -7.1% | -0.1% | -7.1% |
| Slovakia | 13.56 | 13.13 | 13.21 | 12.55 | 13.37 | -3.2% | 0.6% | -5.0% | 6.5% | 1.2% |
| Slovenia | 14.53 | 13.97 | 14.27 | 14.06 | 14.19 | -3.9% | 2.1% | -1.5% | 0.9% | -0.6% |
| Spain | 21.10 | 19.90 | 20.88 | 19.26 | 19.95 | -5.7% | 4.9% | -7.8% | 3.6% | -4.5% |
| Sweden | 16.07 | 15.27 | 15.47 | 15.31 | 16.15 | -5.0% | 1.3% | -1.0% | 5.5% | 4.4% |
| Turkey | 13.17 | 13.56 | 12.18 | 12.67 | 12.03 | 3.0% | -10.2% | 4.0% | -5.1% | -1.2% |
| United Kingdom | 18.17 | 19.15 | 20.15 | 17.97 | 17.06 | 5.4% | 5.2% | -10.8% | -5.1% | -15.3% |
| Euro Area | 21.56 | 21.39 | 21.54 | 21.06 | 21.14 | -0.8% | 0.7% | -2.2% | 0.4% | -1.9% |
| EU 28 | 19.80 | 19.81 | 20.07 | 19.40 | 19.39 | 0.1% | 1.3% | -3.3% | -0.1% | -3.4% |
| Ireland relative to: | | | | | | | | | | |
| Euro Area | 101.3% | 95.4% | 98.1% | 94.5% | 94.2% | | | | | |
| EU 28 | 110.3% | 103.0% | 105.3% | 102.6% | 102.7% | | | | | |

Source: Eurostat

Table 15 Household Electricity Prices in band DE in Europe (S2 2014 to S2 2016) all taxes included

| Band DE | all taxes included (c/kWh) | | | | | % change | | | | |
|----------------------|----------------------------|----------------------|-----------------------|----------------------|-----------------------|--------------------|--------------------|--------------------|--------------------|------------------------|
| | July '14 - Dec '14 | Jan '15 - Jun '15 | July '15 - Dec '15 | Jan '16 - Jun '16 | July '16 - Dec '16 | S2 '14 - S1 '15 | S1 '15 - S2 '15 | S2 '15 - S1 '16 | S1 '16 - S2 '16 | 12 months to S2 '16 |
| Austria | 15.72 | 15.18 | 14.91 | 15.17 | 14.91 | -3.4% | -1.8% | 1.7% | -1.7% | 0.0% |
| Belgium | 15.88 | 16.13 | 17.76 | 17.90 | 22.09 | 1.6% | 10.1% | 0.8% | 23.4% | 24.4% |
| Bulgaria | 8.49 | 9.30 | 9.57 | 9.51 | 9.26 | 9.5% | 2.9% | -0.6% | -2.6% | -3.2% |
| Croatia | 12.29 | 12.18 | 12.19 | 12.16 | 12.39 | -0.9% | 0.1% | -0.2% | 1.9% | 1.6% |
| Cyprus | 23.65 | 17.07 | 18.48 | 13.16 | 16.35 | -27.8% | 8.3% | -28.8% | 24.2% | -11.5% |
| Czech Republic | 9.34 | 9.38 | 9.53 | 10.36 | 10.36 | 0.4% | 1.6% | 8.7% | 0.0% | 8.7% |
| Denmark | 22.95 | 22.58 | 22.22 | 22.13 | 22.02 | -1.6% | -1.6% | -0.4% | -0.5% | -0.9% |
| Estonia | 11.99 | 11.38 | 11.79 | 10.44 | 11.07 | -5.1% | 3.6% | -11.5% | 6.0% | -6.1% |
| Finland | 11.45 | 11.65 | 11.40 | 11.24 | 11.25 | 1.7% | -2.1% | -1.4% | 0.1% | -1.3% |
| France | 15.18 | 15.17 | 15.37 | 15.43 | 15.60 | -0.1% | 1.3% | 0.4% | 1.1% | 1.5% |
| Germany | 27.14 | 26.76 | 26.79 | 26.80 | 26.82 | -1.4% | 0.1% | 0.0% | 0.1% | 0.1% |
| Greece | 20.06 | 18.72 | 19.61 | 18.35 | 19.67 | -6.7% | 4.8% | -6.4% | 7.2% | 0.3% |
| Hungary | 11.51 | 11.27 | 11.87 | 11.28 | 11.33 | -2.1% | 5.3% | -5.0% | 0.4% | -4.5% |
| Ireland | 18.24 | 17.38 | 18.08 | 17.23 | 16.59 | -4.7% | 4.0% | -4.7% | -3.7% | -8.2% |
| Italy | 33.37 | 32.88 | 34.05 | 28.73 | 26.34 | -1.5% | 3.6% | -15.6% | -8.3% | -22.6% |
| Latvia | 14.08 | 15.98 | 16.24 | 15.83 | 16.02 | 13.5% | 1.6% | -2.5% | 1.2% | -1.4% |
| Lithuania | 12.11 | 11.30 | 11.33 | 11.05 | 10.51 | -6.7% | 0.3% | -2.5% | -4.9% | -7.2% |
| Luxembourg | 14.86 | 15.21 | 15.20 | 14.55 | 14.55 | 2.4% | -0.1% | -4.3% | 0.0% | -4.3% |
| Malta | 38.83 | 36.36 | 34.56 | 36.23 | 39.36 | -6.4% | -5.0% | 4.8% | 8.6% | 13.9% |
| Netherlands | 20.56 | 26.32 | 19.77 | 24.32 | 20.11 | 28.0% | -24.9% | 23.0% | -17.3% | 1.7% |
| Norway | 10.38 | 9.91 | 8.53 | 9.46 | 10.45 | -4.5% | -13.9% | 10.9% | 10.5% | 22.5% |
| Poland | 13.68 | 13.66 | 13.47 | 12.67 | 12.76 | -0.1% | -1.4% | -5.9% | 0.7% | -5.3% |
| Portugal | 20.08 | 20.94 | 20.69 | 21.54 | 21.37 | 4.3% | -1.2% | 4.1% | -0.8% | 3.3% |
| Romania | 12.17 | 12.50 | 12.75 | 11.73 | 11.72 | 2.7% | 2.0% | -8.0% | -0.1% | -8.1% |
| Slovakia | 12.28 | 11.69 | 11.59 | 11.20 | 11.62 | -4.8% | -0.9% | -3.4% | 3.7% | 0.3% |
| Slovenia | 13.09 | 12.72 | 12.88 | 12.66 | 12.71 | -2.8% | 1.3% | -1.7% | 0.4% | -1.3% |
| Spain | 17.87 | 18.40 | 20.02 | 17.66 | 16.70 | 3.0% | 8.8% | -11.8% | -5.4% | -16.6% |
| Sweden | 13.83 | 13.38 | 13.40 | 13.37 | 14.04 | -3.3% | 0.1% | -0.2% | 5.0% | 4.8% |
| Turkey | 13.15 | 12.80 | 12.17 | 12.64 | 11.94 | -2.7% | -4.9% | 3.9% | -5.5% | -1.9% |
| United Kingdom | 16.79 | 17.40 | 18.62 | 16.27 | 16.09 | 3.6% | 7.0% | -12.6% | -1.1% | -13.6% |
| Euro Area | 20.97 | 20.99 | 21.21 | 20.42 | 20.07 | 0.1% | 1.0% | -3.7% | -1.7% | -5.4% |
| EU 28 | 19.05 | 19.16 | 19.48 | 18.57 | 18.34 | 0.6% | 1.7% | -4.7% | -1.2% | -5.9% |
| Ireland relative to: | | | | | | | | | | |
| Euro Area | 87.0% | 82.8% | 85.2% | 84.4% | 82.7% | | | | | |
| EU 28 | 95.7% | 90.7% | 92.8% | 92.8% | 90.5% | | | | | |

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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