



July – December 2023



Electricity and Gas Prices in Ireland

2nd Semester (July – December) 2023

May 2024 Version 1.0

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 the public, businesses, communities and the Government 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.

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Semester 2 2023 Summary

Prices represent data gathered for the period July – December 2023, i.e., the second semester of 2023 (S2 2023).

Household Electricity

Domestic electricity customers received a payment of €200 between April and June 2022. Three further payments of €200 were made between November and December 2022, January and February 2023 and March and April 2023. In Budget 2024 three further credits of €150 were announced, to be paid in December 2023, January 2024 and March 2024. These rebates are administered by electricity suppliers and are accounted for in the residential electricity prices.

Table 1 summarises the key changes for the electricity consumption bands for households in Ireland for the period, and compares these with the changes across the EU and Euro Area.

Table 1: Household Electricity Prices (€) (all taxes included) – 2nd Semester 2023

Band	Consumption (kWh)	Band	Ireland	12 Month price change:			
		Share	c/kWh	Ireland	EU	Euro Area	
Band DA	< 1,000 kWh	4.7%	38.6	+27%	+6%	+9%	
Band DB	1,000 - 2,500	11.8%	36.5	+12%	+1%	+6%	
Band DC	2,500 - 5,000	37.1%	37.9	+18%	0%	+4%	
Band DD	5,000 - 15,000	39.1%	37.6	+19%	+2%	+5%	
Band DE	> 15,000	7.3%	35.5	+23%	-1%	+1%	
Weighted Average			37.5	+18%	+3%	+7%	

Table 2 shows household electricity prices in purchasing power standard (PPS), and compares these with the EU and Eurostat equivalents. PPS is the technical term used by Eurostat for the common currency in which national accounts aggregates are expressed when adjusted for price level differences. PPS is an artificial currency unit and theoretically, one PPS can buy the same amount of goods and services in each country.

Table 2: Household Electricity Prices (PPS) (all taxes included) – 2nd Semester 2023

Band	Ireland _{Cpps} /kWh	Ireland re	lative to average of:	Ranking* in:		
		EU	Euro Area	EU (27)	Euro Area	
Band DA	32.4	75%	72%	22	18	
Band DB	30.7	99%	96%	9	7	
Band DC	31.9	112%	110%	9	6	
Band DD	31.6	116%	115%	7	4	
Band DE	29.8	116%	116%	9	7	

Household Gas

Table 3 summarises the key changes for the gas consumption bands for households in Ireland for the period and compares with the changes across the EU and Euro Area.

Table 3: Household Gas Prices (€) (all taxes included) – 2nd Semester 2023

	Consumption (GJ)	Band	Ireland	12 Month price change:		
Band		Share	c/kWh	Ireland	EU	Euro Area
Band D1	< 20	9.9%	18.5	+1.6%	-2.0%	+5.7%
Band D2	20 - 200	88.1%	16.4	+6.1%	-1.1%	+7.0%
Band D3	> 200	2.0%	11.5	-0.2%	-11.5%	-4.8%
Weighted Average			16.5	+6.6%	-1.6%	+6.0%

Table 4 shows household gas prices in PPS, and compares these with the EU and Eurostat equivalents.

Table 4: Household Gas Prices (PPS) (all taxes included) - 2nd Semester 2023

	Ireland	Ireland rela	tive to average of:	Ranking* in:		
Band	Cpps/kWh	EU	Euro Area	EU (27)	Euro Area	
Band D1	15.6	106%	101.0%	10	10	
Band D2	13.8	123%	119.3%	6	10	
Band D3	9.7	97%	96.0%	15	8	

Business Electricity

Table 5 summarises the key changes for the electricity consumption bands for business in Ireland for the period and compares these with the changes across the EU 1 and Euro Area 2 .

Table 5: Business Electricity Prices (€) (ex-VAT) – 2nd Semester 2023

Band	Consumption	Band	Ireland		Ireland relative to average of:		king* n:	12 Month price change:		
	(MWh)	Share	c/kWh	EU	Euro Area	EU (27)	Euro Area	Ireland	EU	Euro Area
Band IA	< 20	6.1%	34.7	116%	112%	3	3	-6%	+1%	+4%
Band IB	20 - 500	20.7%	29.9	129%	125%	2	2	-7%	-1%	+3%
Band IC	500 - 2,000	9.8%	25.8	128%	124%	3	2	-10%	-5%	-3%
Band ID	2,000 - 20,000	21.3%	21.8	116%	112%	5	4	-12%	-7%	-6%
Band IE	20,000 - 70,000	7.7%	20.8	129%	127%	5	4	-11%	-17%	-19%
Band IF	70,000 -150,000	4.0%	20.3	133%	133%	3	2	-8%	-24%	-26%
Band IG	> 150,000	30.4%	17.8	133%	136%	6	4	-38%	-32%	-36%
Weighted	d Average		23.3	120%	116%			-18%	-9 %	-9%

Business Gas

Table 6 summarises the key changes for the gas consumption bands for business in Ireland for the period and compares these with the changes across the EU and Euro Area.

Table 6: Business Gas Prices (€) (ex-VAT) – 2nd Semester 2023

Band	Consumption (GJ)	Band Share	Ireland c/kWh	Ireland relative to average of :		Ranking* in:		12 Month price change:		
				EU	Euro Area	EU (27)	Euro Area	Ireland	EU	Euro Area
Band I1	< 1,000	9.5%	13.0	135%	131%	3	2	+5%	-1%	+2%
Band I2	1,000 - 10,000	17.5%	9.6	112%	109%	6	5	-8%	0%	+7%
Band I3	10,000 - 100,000	24.9%	7.0	102%	103%	9	6	-15%	-15%	-8%
Band I4	100,000 - 1,000,000	39.1%	5.6	94%	95%	11	6	-11%	-28%	-24%
Band I5	1,000,000 - 4,000,000	9.0%	4.0	79%	82%	14	8	-56%	-47%	-48%
Weighted Average			7.2	109%	109%			-15%	-27%	-24%

¹ Europe here includes all the European Union 27 countries.

² The Euro Area consists of those European Union countries which have adopted the euro as their currency, currently 19 member states.

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1 Introduction

The fluctuations in energy prices are a key concern for all energy consumers in Ireland, as they impact on the rate of inflation and on competitiveness. 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 to increase the understanding of energy price changes in Ireland.

Electricity and natural gas prices have been collected by Eurostat since 1990 to measure the progress of market liberalisation. Liberalisation was completed in 2007 and the methodology for collection of price statistics was adapted to better reflect the average price being paid. This report draws on the results of the EU methodology for gathering energy price data that came into effect on 1 January 2008. The focus of the report is on the electricity and gas price data gathered for the period July – December 2023, i.e., the second semester of 2023 (S2 2023). Revisions to Eurostat's data have been incorporated into this report. Eurostat data presented in this report are as posted on Eurostat's website ³ on 18 April 2024.

Also included is a disaggregation of prices into the components of energy and supply, network costs, and taxes and levies for the twelve months of 2023.

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

1.1 Purchasing Power

When comparing prices of goods across countries, it is important to not only correct for differences in currencies but also for the differences in income and living standards. This is of particular importance when comparing prices paid by residential consumers.

The purchasing power standard (PPS) is the technical term used by Eurostat for the common currency in which national accounts aggregates are expressed when adjusted for price level differences. The PPS is an artificial currency unit. Theoretically, one PPS can buy the same amount of goods and services in each country.

PPS are derived by dividing any economic aggregate of a country in national currency by its respective purchasing power parities (PPP). Purchasing power parities (PPP) are currency conversion rates that convert to a common currency and equalise the purchasing power of different currencies. In other words, they seek to eliminate the differences in price levels between countries due to differences in currency exchange rates and in living standards. This purchasing power exchange rate equalises the purchasing power of different currencies in their home countries for a given basket of goods.

Using a PPS basis is arguably more useful when comparing differences in living standards on the whole between nations because PPS takes into account the relative cost of living and the inflation rates of different countries, rather than just a nominal gross domestic product (GDP) comparison.

A factor affecting gas and electricity prices in a country is the costs associated with labour and services. In wealthier countries the cost of living as well as labour and services costs tend to be higher. For residential consumers, comparing electricity and gas prices on the basis of PPS is a method that may be used to separate the price differences associated with differences in wealth from those associated with other factors.

³ https://ec.europa.eu/eurostat/web/energy/database

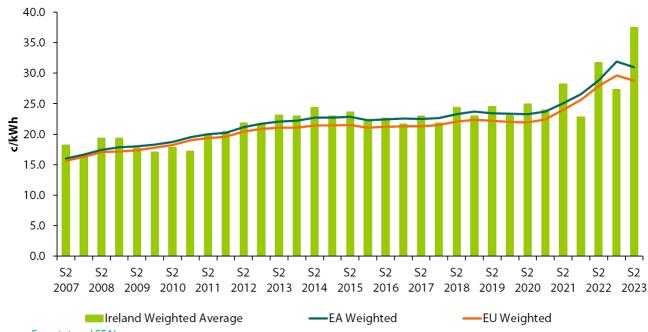
2 Average Prices

One of the strengths of the Electricity and Gas Price Regulation is that it provides a rich dataset for analysis and comparison between EU countries. However, because the data is collected and presented in many consumption bands it is difficult to present a simple message on trends and comparison. One solution to this problem is to present weighted average prices.

For instance, a single weighted average price for electricity to households can be constructed by weighting the price in each band by the consumption of electricity in that band in a given semester. Presented here are weighted average prices for Ireland together and weighted average of the bands for the EU and the Euro Area. Up to the first half of 2022, weightings for EU and Euro Area are estimated based on band volumes in a majority of the countries published in the 2014 report from the countries on price systems ⁴. From the second half of 2022, Eurostat began publishing weighted averages for the EU and Euro Area for the first time, and these are used since then.

2.1 Average Electricity Price to Households

Figure 1: Average Electricity Prices (€) (all taxes included) to Households – All Consumption Bands



Source: Eurostat and SEAI

Figure 1 and Table 7 show the average electricity price to households across all consumption bands in Ireland, the Euro Area and the EU-27.

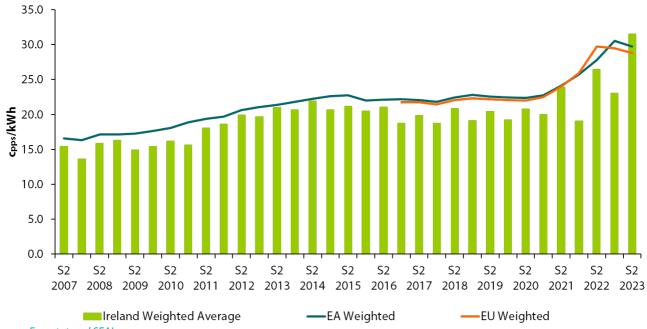
Table 7: Average Electricity Prices (€) (all taxes included) to Household – All Consumption Bands

Electricity prices to households c/kWh	July '20 - Dec '20	Jan '21 - Jun '21	July '21 - Dec '21	Jan '22 - Jun '22	July '22 - Dec '22	Jan '23 - Jun '23	July '23 - Dec '23
Ireland	24.9	24.0	28.2	22.8	31.7	27.3	37.5
Euro Area	23.3	23.7	25.0	26.6	28.8	31.9	31.0
EU-27	21.9	22.4	24.0	25.7	27.9	29.7	28.8

 $^{^{4} \}textit{Electricity Price Systems} \, \underline{\text{https://ec.europa.eu/eurostat/documents/38154/42201/Electricity-prices-Price-systems-2014.pdf/7291df5a-dff1-40fb-bd49-544117dd1c10}$

Gas Price Systems https://ec.europa.eu/eurostat/documents/38154/42201/Gas-prices-Price-systems-2014.pdf/30ac83ad-8daa-438c-b5cf-b52273794f78

Figure 2: Average Electricity Prices (PPS) (all taxes included) to Households – All Consumption Bands



Source: Eurostat and SEAI

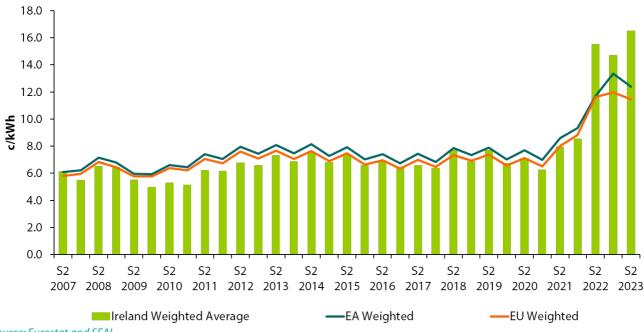
Figure 2 and Table 8 show the average electricity price to households, expressed in PPS, across all consumption bands in Ireland, the Euro Area and the EU-27.

Table 8: Average Electricity Prices (PPS) (all taxes included) to Household – All Consumption Bands

Electricity prices to	July '20 -	Jan '21 -	July '21 -	Jan '22 -	July '22 -	Jan '23 -	July '23 -
households cpps/kWh	Dec '20	Jun '21	Dec '21	Jun '22	Dec '22	Jun '23	Dec '23
Ireland	20.8	20.0	23.9	19.0	26.5	23.0	31.5
Euro Area	22.4	22.7	24.1	25.8	27.8	30.6	29.7
EU-27	22.0	22.5	24.0	25.9	29.7	29.5	28.8

2.2 Average Gas Price to Households

Figure 3: Average Gas Prices (€) (all taxes included) to Households – All Consumption Bands



Source: Eurostat and SEAI

Figure 3 and Table 9 show the weighted average gas price to households across all consumption bands in Ireland, the Euro Area and the EU-27.

Table 9: Average Gas Prices (€) (all taxes included) to Household – All Consumption Bands

Gas prices to households c/kWh	July '20 - Dec '20	Jan '21 - Jun '21	July '21 - Dec '21	Jan '22 - Jun '22	July '22 - Dec '22	Jan '23 - Jun '23	July '23 - Dec '23
Ireland	7.1	6.2	7.9	8.5	15.5	14.7	16.5
Euro-Area	7.7	7.0	8.6	9.3	11.7	13.4	12.4
EU-27	7.1	6.5	8.0	8.8	11.6	12.0	11.5

16.0 14.0 12.0 10.0 cpps/kWh 8.0 6.0 4.0 2.0 0.0 S2 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023 Ireland Weighted Average ---EA Weighted ---EU Weighted

Figure 4: Average Gas Prices (PPS) (all taxes included) to Households – All Consumption Bands

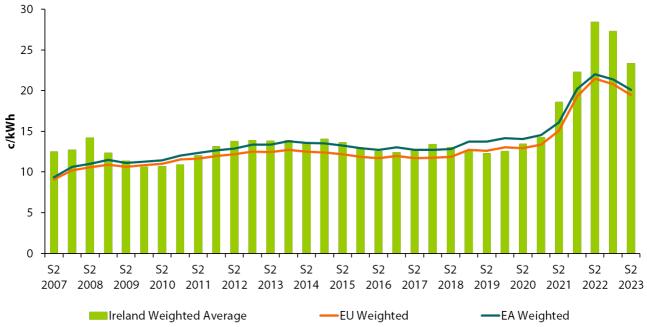
Figure 4 and Table 10 show the average gas price to households, expressed in PPS, across all consumption bands in Ireland, the Euro Area and the EU-27.

Table 10: Average Gas Prices (PPS) (all taxes included) to Household – All Consumption Bands

Electricity prices to			July '21 -		The second second		**************************************
households cpps/kWh	Dec '20	Jun '21	Dec '21	Jun '22	Dec '22	Jun '23	Dec '23
Ireland	5.8	5.1	6.6	7.1	12.7	12.1	13.7
Euro-Area	7.3	6.6	8.2	8.8	11.3	12.1	11.8
EU-27	7.2	6.5	8.1	8.9	12.6	11.7	11.5

2.3 Average Electricity Price to Business

Figure 5: Average Electricity Prices (€) (ex-VAT) to Business – All Consumption Bands



Source: Eurostat and SEAI

Figure 5 and Table 11 show the average gas price to business across all consumption bands in the Euro Area and the EU-27 and the weighted average across all bands in Ireland.

Table 11: Average Electricity Prices (€) (ex-VAT) to Business – All Consumption Bands

Electricity prices to	July '20 -	Jan '21 -	July '21 -	Jan '22 -	July '22 -	Jan '23 -	July '23 -
business c/kWh	Dec '20	Jun '21	Dec '21	Jun '22	Dec '22	Jun '23	Dec '23
Ireland	13.4	14.3	18.6	22.3	28.4	27.3	23.3
Euro-Area	13.4	13.9	15.7	20.0	22.7	22.6	21.2
EU-27	12.6	13.0	14.9	19.2	22.3	21.9	20.5

2.4 Average Gas Price to Business

Figure 6: Average Gas Prices (€) (ex-VAT) to Business – All Consumption Bands



Source: Eurostat and SEAI

Figure 6 and Table 12 show the average gas price to business across all consumption bands in the Euro Area and the EU-27 and the weighted average across all bands in Ireland.

Table 12: Average Gas Prices (€) (ex-VAT) to Business – All Consumption Bands

Gas prices to business	July '20 -	Jan '21 -	July '21 -	Jan '22 -	July '22 -	Jan '23 -	July '23 -
c/kWh	Dec '20	Jun '21	Dec '21	Jun '22	Dec '22	Jun '23	Dec '23
Ireland	3.0	3.2	5.2	6.6	8.4	8.0	7.2
Euro-Area	3.2	3.4	4.9	7.0	8.5	8.4	7.3
EU-27	3.1	3.3	4.9	7.1	8.9	8.4	7.2

3 Energy Prices for Households

The data collection for households is based on the methodology as specified in Regulation 2016/1952.

For households, electricity prices include all charges payable including: energy consumed, network charges, other charges (capacity charges, commercialisation, meter rental, etc.), all netted for any rebates or premiums due. Initial connection charges are not included. Member States develop and implement cost-effective procedures to ensure the establishment of a representative data compilation system based on the rules described below.

3.1 Residential Electricity Prices

The prices represent average prices weighted across the suppliers, using the market share of the electricity suppliers surveyed as the weighting factor. Arithmetic average prices are provided only when weighted figures cannot be calculated. In either case, Member States ensure that a representative share of the national market is covered by the survey. In Ireland the weighted average price is used and, as all suppliers are surveyed, represents the full market.

Market shares are based on the quantity of electricity invoiced by electricity supply undertakings to household endusers. If possible, the market shares are calculated separately for each band. The information used for calculating weighted average prices is managed by Member States, respecting confidentiality rules. In Ireland the weighted averages are calculated based on the market shares of suppliers in each band.

This section contains a comparison of electricity prices to residential consumers in Ireland with the other EU Member States based on the survey results from the revised Gas & Electricity Prices Regulation in respect of S2 2023 (July – December). The analysis looks first at a basic comparison of residential electricity prices in euro across all the countries and then refines this to more relevant comparisons based on PPSs, before finally exploring a comparison based on Euro Area countries only. The price including all taxes, levies and VAT was used as this is the most relevant for residential consumers.

Due to the recent increases in energy prices, Ireland introduced measures to alleviate the burden on final consumers. Domestic electricity customers, including pay as you go customers, received a payment of €200 between April and June 2022. Three further payments of €200 were made between November and December 2022, January and February 2023 and March and April 2023. In Budget 2024 three further credits of €150 were announced, to be paid in December 2023, January 2024, and March 2024. These rebates were administered by electricity suppliers and are accounted for in the residential electricity prices for the relevant semester. Please see the table below which maps the rebates to the corresponding semester.

Period	Rebate Amount
January to June 2022	€200: Single payment of €200 between April and June 2022
July to December 2022	€200: Single payment of €200 between November and December 2022
January to June 2023	€400: Two payments of €200 were made between January and February 2023 and March and April 2023
July to December 2023	€150 : Single payment of €150 in December 2023, however some customers would not have seen this applied until their first bill of 2024

A further measure to tackle rising energy costs was introduced in the way of a cut in VAT on electricity bills from 13.5% to 9% from May 1st, 2022. This reduced rate is due to end on October 31st, 2024.

3.1.1 Residential Electricity Prices – EU Comparison (in €)

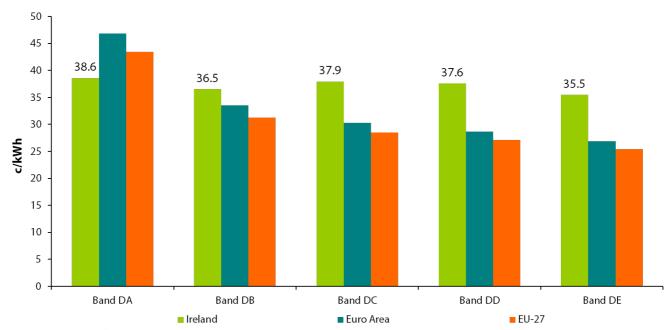
Table 13 shows Ireland's position compared with the EU average residential electricity prices for S2 2023, with S2 2022 shown in grey.

Table 13: Residential Electricity Prices (€) (all taxes included) in Ireland (2nd semester 2023) – EU Comparison

Electricity prices to households	Price c/kWh	% change since S2 2022	Relative to EU average S2 2023	Relative to EU average S2 2022	Band share of market
Band DA	38.6	+27%	89%	74%	4.7%
Band DB	36.5	+12%	117%	106%	11.8%
Band DC	37.9	+18%	133%	114%	37.1%
Band DD	37.6	+19%	139%	119%	39.1%
Band DE	35.5	+23%	139%	112%	7.3%

Figure 7 shows graphically the position of the tax-inclusive electricity price to households during S2 2023.

Figure 7: Residential Electricity Prices (€) (all taxes included) 2nd Semester 2023



Source: Eurostat and SEAI

Table 14 shows Ireland's ranking in the EU for the tax-inclusive price paid by householders for electricity. A ranking of 1 means the highest price.

Table 14: Ireland's Ranking in EU for Residential Electricity Prices (€) (all taxes included)

Electricity prices to households	July '20 - Dec '20	Jan '21 - Jun '21	July '21 - Dec '21	Jan '22 - Jun '22	July '22 - Dec '22	Jan '23 - Jun '23	July '23 - Dec '23
Band DA	7	3	9	22	19	25	13
Band DB	2	2	1	16	9	23	5
Band DC	4	4	4	9	8	10	2
Band DD	3	3	3	9	6	7	2
Band DE	7	8	8	11	9	8	2

Some caveats should be acknowledged in looking at these basic euro prices. Non-euro country prices are converted into euro at the prevailing exchange rates but this does not take into account the varying purchasing powers in each country. To correct for this Eurostat also publishes prices in purchasing power standard (PPS).

Table 15 shows Ireland's position, relative to the European average electricity prices to households in PPS for S2 2023, with S2 2022 shown in grey.

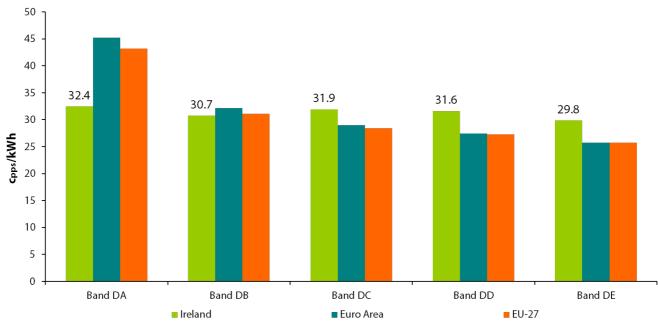
Table 15: Residential Electricity Prices (PPS) (2nd Semester 2023) – EU Comparison

Electricity prices to households (all taxes included)	Price c _{PPS} /kWh	Relative to EU average S2 2023	Relative to EU average S2 2022
Band DA (Consumption < 1 000 kWh)	32.4	75%	58%
Band DB (1,000 kWh < Consumption < 2,500 kWh)	30.7	99%	83%
Band DC (2,500 kWh < Consumption < 5,000 kWh)	31.9	112%	89%
Band DD (5,000 kWh < Consumption < 15,000 kWh)	31.6	116%	93%
Band DE (Consumption > 15,000 kWh)	29.8	116%	88%

Source: Eurostat and SEAI

Figure 8 shows graphically the position of the tax-inclusive electricity price in PPS to households during S2 2023.

Figure 8: Residential Electricity Prices (PPS) (all taxes included) 2nd Semester 2023



Source: Eurostat and SEAI

Table 14 shows Ireland's ranking in the EU for the tax-inclusive price in PPS as paid by householders for electricity. A ranking of 1 means the highest price.

Table 16: Ireland's Ranking in EU for Residential Electricity Prices (PPS) (all taxes included)

Electricity prices to households	July '20 - Dec '20	Jan '21 - Jun '21	July '21 - Dec '21	Jan '22 - Jun '22	July '22 - Dec '22	Jan '23 - Jun '23	July '23 - Dec '23
Band DA	13	8	14	27	24	28	22
Band DB	8	6	3	26	15	28	9
Band DC	9	12	8	20	12	18	9
Band DD	13	17	14	19	13	14	7
Band DE	22	23	18	20	15	15	9

3.1.3 Residential Electricity Prices – Euro Area Comparison (in €)

Table 17 shows Ireland's position, relative to the Euro Area average electricity prices to households for S2 2023, with S2 2022 shown in grey.

Table 17: Residential Electricity Prices (€) in Ireland (2nd Semester 2023) – Euro Area Comparison

Electricity prices to households (all taxes	Price	Relative to Euro	Relative to Euro
included)	c/kWh	Area S2 2023	Area S2 2022
Band DA (Consumption < 1 000 kWh)	38.6	82%	70%
Band DB (1,000 kWh < Consumption < 2,500 kWh)	36.5	109%	103%
Band DC (2,500 kWh < Consumption < 5,000 kWh)	37.9	125%	111%
Band DD (5,000 kWh < Consumption < 15,000 kWh)	37.6	131%	116%
Band DE (Consumption > 15,000 kWh)	35.5	132%	108%

Source: Eurostat and SEAI

3.1.4 Disaggregation of Household Electricity Prices

In 2018, Eurostat began collecting more detailed data on the disaggregated components that make up electricity prices for households. *Table* 18 shows the disaggregation of electricity prices to households weighted across all consumption bands in 2023. The Government household electricity rebates are accounted for in the Other category, resulting in a negative value. The negative values for Renewable Taxes and Capacity Taxes reflect the negative PSO Levy charged to households between 1st October 2022 and 30th September 2023

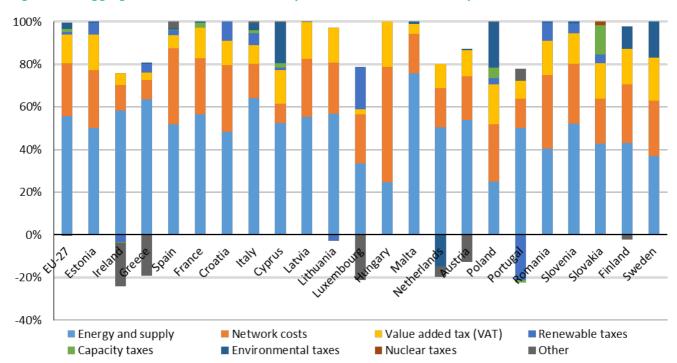
Table 18: Disaggregated Household Electricity Prices 2023 (€)

Country	Energy and Supply	Network Costs	VAT	Renewable Taxes	Capacity Taxes	Environmental Taxes	Nuclear Taxes	Other
EU-27	16.4	7.3	4.0	0.3	0.4	0.9	0.0	-0.1
Euro area	18.5	7.7	4.1	0.3	0.5	0.5	0.0	-0.2
Belgium	22.6	9.1	2.3	2.3	0.1	4.1	0.0	0.0
Bulgaria	5.4	4.3	1.9	0.0	0.0	0.0	0.0	0.0
Czechia	18.4	6.2	5.3	0.0	0.0	0.1	0.0	0.1
Denmark	16.5	7.5	6.9	0.4	0.0	3.0	0.0	0.0
Germany	20.6	9.8	6.7	0.4	1.0	2.1	0.0	1.5
Estonia	10.7	5.8	3.6	1.2	0.0	0.1	0.0	0.0
Ireland	36.8	7.6	3.6	-2.1	-0.2	0.0	0.0	-12.9
Greece	25.5	3.6	1.4	1.7	0.0	0.2	0.0	-7.7
Spain	13.5	9.3	1.6	0.7	0.1	0.1	0.0	0.8
France	13.4	6.2	3.4	0.0	0.5	0.1	0.0	0.0
Croatia	7.5	4.8	1.8	1.4	0.0	0.0	0.0	0.0
Italy	24.8	6.1	3.4	2.2	0.6	1.3	0.0	0.3
Cyprus	19.1	3.3	5.7	0.5	0.7	7.1	0.0	0.1
Latvia	18.2	8.9	5.7	0.0	0.0	0.0	0.0	0.0
Lithuania	15.1	6.4	4.4	-0.7	0.0	0.0	0.0	0.0
Luxembourg	16.9	11.6	1.2	10.0	0.0	0.0	0.0	-10.6
Hungary	2.8	6.0	2.4	0.0	0.0	0.0	0.0	0.0

Malta	11.1	2.7	0.7	0.0	0.0	0.2	0.0	0.0
Netherlands	26.8	9.7	6.0	0.0	0.0	-7.8	0.0	-2.7
Austria	20.4	7.7	4.7	0.0	0.0	0.2	0.0	-4.8
Poland	5.6	6.0	4.2	0.6	1.1	4.7	0.0	0.1
Portugal	20.7	5.7	3.5	-8.7	-0.4	0.1	0.0	2.2
Romania	7.2	6.1	2.9	1.5	0.0	0.1	0.0	0.0
Slovenia	10.3	5.5	2.8	0.9	0.0	0.2	0.0	0.0
Slovakia	8.6	4.2	3.3	0.8	2.7	0.0	0.3	0.0
Finland	9.3	6.0	3.6	0.0	0.0	2.2	0.0	-0.5
Sweden	7.4	5.2	4.0	0.0	0.0	3.4	0.0	0.0

Figure 9 shows graphically the disaggregated components that make up the electricity prices to households in Europe for all bands.

Figure 9: Disaggregation of Household Electricity Price Bands DA – DE in Europe (€)



Source: Eurostat and SEAI

Figure 10 shows graphically the value of each price component in Ireland for each band and weighted across all bands.

■ Energy and Supply ■ Network costs ■ VAT ■ Renewable Taxes ■ Capacity Taxes ■ Other

Figure 10: Disaggregation of Household Electricity Price in Ireland (2023) (€)

3.2 Residential Gas Prices

The data collection for households is based on the methodology as specified in Regulation 2016/1952. The methodology for collecting household data was also changed so the prices collected in accordance with the revised Regulation are not directly comparable with those collected under the previous methodology prior to 2007.

For households, gas prices include all charges payable including: energy consumed, network charges, other charges (capacity charges, commercialisation, meter rental, etc.), all netted for any rebates or premiums due. Initial connection charges are not included. The Member States develop and implement cost-effective procedures to ensure the establishment of a representative data compilation system based on the following rules:

The prices represent average prices weighted across the suppliers, using the market share of the natural gas suppliers as weighting the factor. Arithmetic average prices will be provided only when weighted figures cannot be calculated. In either case, Member States will ensure that a representative share of the national market is covered by the survey. In Ireland the weighted average price is used and represents the full market.

Market shares are based on the quantity of gas invoiced by gas supply undertakings to household end-users. If possible, the market shares are calculated separately for each band. The information used for calculating weighted average prices is managed by Member States, respecting confidentiality rules.

This section contains a comparison of gas prices to residential consumers in Ireland, compared with the other EU Member States, based on the survey results from the Gas and Electricity Prices Regulation in respect of S2 2023 (July – December). The analysis looks first at a basic comparison of residential gas prices in euro across all the countries and then refines this down to more relevant comparisons based on PPSs, before finally exploring a comparison based on Euro Area countries only. The price including all taxes, levies and VAT was used as this is the most relevant for residential consumers.

As with household electricity bills, VAT on gas bills was reduced from 13.5% to 9% from May 1st, 2022, with this reduced rate due to end on October 31st, 2024.

3.2.1 Residential Gas Prices – EU Comparison (in €)

Source: Eurostat and SEAI

Table 19 shows Ireland's position, relative to the EU average gas prices to householders for S2 2023 with S2 2022 shown in grey.

Table 19: Residential Gas Prices in Ireland (€) (2nd Semester 2023) – EU Comparison

Gas prices to households	Price c/kWh	% change since S2 2022	Relative to EU average S2 2023		Band share of market
Band D1	18.5	+1.6%	126%	121%	9.9%
Band D2	16.4	+6.1%	146%	136%	88.1%
Band D3	11.5	-0.2%	115%	102%	2.0%

Figure 11 shows graphically the position of the tax-inclusive gas price to households during S2 2023.

20.0 18.5 18.0 16.4 16.0 14.0 11.5 12.0 %10.0 8.0 6.0 4.0 2.0 0.0 Band D1 Band D2 Band D3 Ireland ■ Euro Area ■ EU-27

Figure 11: Residential Gas Prices (€) (all taxes included) 2nd Semester 2023

Table 20 shows Ireland's ranking in the EU for the tax-inclusive price paid by residential consumers for gas. A ranking of 1 means the highest price. The bottom row of the table shows the number of countries on which the ranking is based.

Table 20: Ireland's Ranking in EU for Residential Gas Prices (€) (all taxes included)

Gas prices to households	July '20 - Dec '20	Jan '21 - Jun '21	July '21 - Dec '21	Jan '22 - Jun '22	July '22 - Dec '22	Jan '23 - Jun '23	July '23 - Dec '23
Band D1	12	13	12	15	6	8	5
Band D2	8	10	8	10	6	6	2
Band D3	6	8	6	10	10	8	6
No. of Countries	25	25	25	25	25	25	25

Source: Eurostat and SEAI

3.2.2 Residential Gas Prices – EU Comparison (in PPS)

As with electricity, the PPS indexed prices give a better basis for comparison of gas prices to residential consumers across the EU. Non-euro countries' prices are converted into euro at the prevailing exchange rates, but don't take into account the varying purchasing powers in each country. To correct for this, Eurostat also publishes prices in PPS.

Table 21 shows Ireland's position, expressed in PPS, relative to the European average gas prices to households for S2 2023, with S2 2022 shown in grey.

Table 21: Residential Gas Prices (PPS) 2nd Semester 2023– EU Comparison

Gas prices to households (all taxes included)	Price c _{PPS} /kWh	Relative to EU average S2 2023	Relative to EU average S2 2022
Band D1 – Small	15.6	106%	95%
Band D2 – Medium	13.8	123%	105%
Band D3 – Large	9.7	97%	78%

Figure 12 shows graphically the position of the tax-inclusive gas price to households during S2 2023, this time expressed in PPS.

15.6 16.0 13.8 14.0 12.0 9.7 10.0 6.0 4.0 2.0 0.0 Band D1 Band D2 Band D3 ■ EU-27 Ireland ■ Euro Area

Figure 12: Residential Gas Prices (PPS) (all taxes included) 2nd Semester 2023

Source: Eurostat and SEAI

Table 22 shows Ireland's ranking in the EU for the PPS tax-inclusive price paid by residential consumers for gas. A ranking of 1 means the highest price. The bottom row of the table shows the number of countries on which the ranking is based.

Table 22: Ireland's Ranking in EU for Residential Gas Prices (PPS) (all taxes included)

Gas prices to households	July '20 - Dec '20	Jan '21 - Jun '21	July '21 - Dec '21	Jan '22 - Jun '22	July '22 - Dec '22	Jan '23 - Jun '23	July '23 - Dec '23
Band D1	17	21	16	21	13	14	10
Band D2	15	18	15	18	13	12	6
Band D3	15	19	13	20	17	18	15
No. of Countries	25	25	25	25	25	25	25

Source: Eurostat and SEAI

3.2.3 Residential Gas Prices – Euro Area Comparison (in €)

Table 23 shows Ireland's position, relative to the Euro Area average gas prices to households for S2 2023, with S2 2022 shown in grey.

Table 23: Residential Gas Prices (€) (2nd Semester 2023) – Euro Area Comparison

Gas prices to households (all taxes included)	Price c/kWh	Relative to Euro Area S2 2023	Relative to Euro Area S2 2022
Band D1 – Small	18.5	115%	119%
Band D2 – Medium	16.4	134%	136%
Band D3 – Large	11.5	108%	103%

3.2.4 Disaggregation of Household Gas Prices

In 2018, Eurostat began collecting more detailed data on the disaggregated components that make up gas prices for households. *Table 24* shows the disaggregation of gas prices to households weighted across all consumption bands in 2023.

Table 24: Disaggregated Household Gas Prices (€) 2023

Country	Energy and Supply	Network Costs	VAT	Renewable Taxes	Capacity Taxes	Environmental Taxes	Other
EU-27	5.94	0.66	0.92	0.01	0.12	0.54	-0.03
Euro area	5.85	0.66	0.79	0.00	0.14	0.60	-0.03
Belgium	5.18	0.27	0.71	0.00	0.02	0.07	0.00
Bulgaria	4.81	0.43	0.75	0.00	0.00	0.05	0.00
Czechia	5.96	0.63	1.41	0.00	0.00	0.13	0.01
Denmark	4.72	0.82	2.20	0.00	0.00	1.11	0.00
Germany	5.41	0.67	0.51	0.00	0.41	0.81	0.01
Estonia	6.14	0.91	1.46	0.00	0.00	0.24	0.00
Ireland	5.81	1.40	0.59	0.00	0.00	0.49	0.00
Greece	5.30	0.58	0.35	0.00	0.08	0.26	0.03
Spain	4.35	0.23	0.24	0.03	0.02	0.05	0.07
France	6.64	0.60	1.33	0.00	0.04	0.48	0.00
Croatia	6.09	0.51	0.33	0.00	0.00	0.06	0.00
Italy	6.54	1.17	0.38	0.00	0.00	0.36	-0.22
Latvia	7.04	0.93	1.71	0.00	0.03	0.11	0.00
Lithuania	5.60	1.01	1.42	0.00	0.11	0.03	0.00
Luxembourg	7.35	0.71	0.52	0.00	0.00	0.23	-0.93
Hungary	8.31	0.65	2.53	0.00	0.31	0.09	0.01
Netherlands	6.56	0.38	1.86	0.00	0.00	1.90	0.00
Austria	5.49	0.49	1.23	0.00	0.00	0.36	0.03
Poland	7.37	0.75	1.88	0.04	0.00	0.03	0.00
Portugal	5.77	0.39	1.43	0.00	0.00	0.17	-0.17
Romania	4.48	0.55	0.96	0.00	0.00	0.00	0.05
Slovenia	5.91	0.57	1.09	0.15	0.00	0.13	0.00
Slovakia	7.64	1.13	1.78	0.00	0.00	0.13	0.00
Finland	6.58	0.67	2.25	0.00	0.01	2.10	0.00
Sweden	8.63	1.23	3.16	0.00	0.00	2.78	0.00

Source: Eurostat and SEAI

Figure 13 shows graphically the disaggregated components that make up the gas prices to households in Europe for all bands.

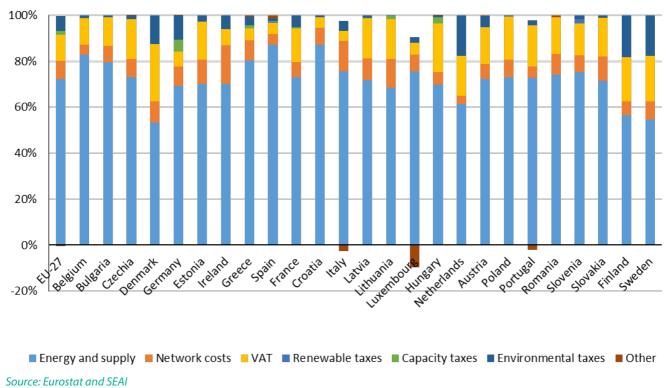
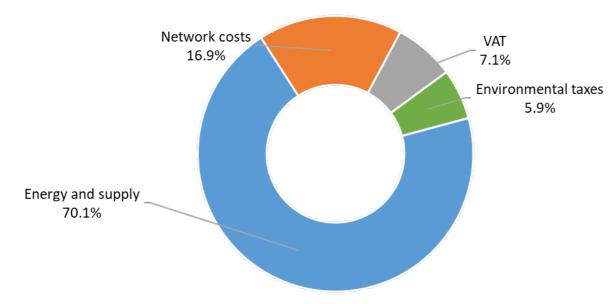


Figure 13: Disaggregation of Household Gas Price Bands D1 – D3 in Europe (€) 2023

Figure 14 shows the share of each component for prices in Ireland.

Figure 14: Disaggregation of Household Gas Price Bands D1 – D3 in Ireland (€) 2023



4 Energy Prices for Business

The Gas and Electricity Prices Regulation refers to gas and electricity prices charged to business end-users, but it recognises that suppliers generally cannot always distinguish between industrial and service sector users and so accepts that business end-users may include other non-residential users. In essence, therefore, business prices refer to non-residential prices. Gas and electricity prices include all charges payable including; energy consumed, network charges, other charges (capacity charges, commercialisation, meter rental, public service obligation, etc.), all netted for any rebates or premiums due. Initial connection charges are not included. Prices are recorded as national average prices.

4.1 Business Electricity Prices

The prices represent average prices weighted across the suppliers, using the market share of the electricity suppliers surveyed as the weighting factor. Arithmetic average prices were provided by Member States only when weighted figures could not be calculated. In either case, Member States are required to ensure that a representative share of the national market is covered in the survey. In Ireland the weighted average price is used and represents the full market. The weighting is based on the volume sold by suppliers.

Market shares are based on the quantity of electricity invoiced by electricity suppliers to business end-users. If possible, the market shares are calculated separately for each consumption band. The information used for calculating weighted average prices is managed by Member States, respecting confidentiality rules.

In order to ensure confidentiality, data relating to prices are communicated only where there are, in the Member State concerned, at least three end-users in each consumption band.

Three price levels are reported to Eurostat:

- Prices excluding taxes and levies;
- Prices excluding VAT and other recoverable taxes;
- Prices including all taxes, levies and VAT.

4.1.1 Business Electricity Prices – EU Comparison

Table 25 shows Ireland's position in relation to the EU average electricity prices to business for S2 2023 with S2 2022 shown in grey. Also shown are the market shares by volume for each band.

Table 25: Business Electricity Prices in Ireland (€) (2nd Semester 2023) – EU Comparison

Electricity prices to business (ex VAT)	Price c/kWh	% change since S2 2022	Relative to EU average S2 2023	Relative to EU average S2 2022	Band share of market
IA	34.7	-6%	116%	125%	6.1%
IB	29.9	-7%	129%	138%	20.7%
IC	25.8	-10%	128%	137%	9.8%
ID	21.8	-12%	116%	123%	21.3%
IE	20.8	-11%	129%	120%	7.7%
IF	20.3	-8%	133%	111%	4.0%
IG	17.8	-38%	133%	146%	30.4%

Source: Eurostat and SEAI

Figure 15 shows graphically the position of the ex-VAT electricity prices to business during S2 2023.

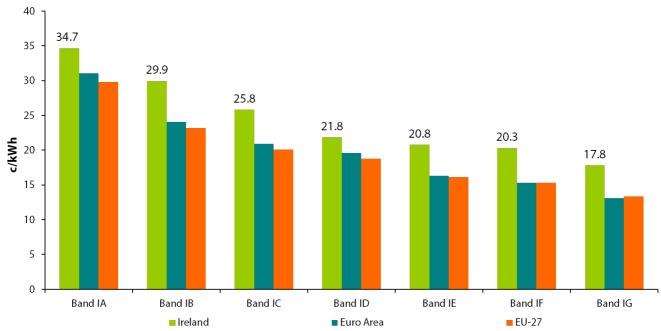


Figure 15: Business Electricity Prices (€) (ex-VAT) 2nd Semester 2023

Table 26 shows Ireland's ranking in the EU for the ex-VAT prices paid by business for electricity over the last seven periods. A ranking of 1 means the highest price.

Table 26: Ireland's Ranking in EU for Business Electricity Prices (€) (ex-VAT)

Electricity prices to business (ex VAT)	July '20 - Dec '20	Jan '21 - Jun '21	July '21 - Dec '21	Jan '22 - Jun '22	July '22 - Dec '22	Jan '23 - Jun '23	July '23 - Dec '23
IA	5	2	2	4	5	5	3
IB	3	2	2	5	4	1	2
IC	5	4	3	5	5	3	3
ID	6	4	3	6	5	6	5
IE	6	4	3	6	9	5	5
IF	4	3	2	4	8	2	3
IG		1	1	2	3	5	6

Source: Eurostat and SEAI

4.1.2 Business Electricity Prices – Euro Area Comparison

Table 27 shows Ireland's position, relative to the Euro Area for S2 2023, with S2 2022 shown in grey.

Table 27: Business Electricity Prices (€) (2nd Semester 2023) – Euro Area Comparison

Electricity prices to business (ex VAT)	Price c/kWh	% change since S2 2022	Relative to EA average S2 2023	Relative to EA average S2 2022	Band share of market
IA	34.7	-6%	112%	124%	6.1%
IB	29.9	-7%	125%	137%	20.7%
IC	25.8	-10%	124%	134%	9.8%
ID	21.8	-12%	112%	119%	21.3%
IE	20.8	-11%	127%	116%	7.7%
IF	20.3	-8%	133%	107%	4.0%
IG	17.8	-38%	136%	141%	30.4%

4.1.3 Disaggregation of Business Electricity Prices

In 2018, Eurostat began collecting more detailed data on the disaggregated components that make up electricity prices. *Table 28* shows the disaggregation of electricity prices to business weighted across all consumption bands for 2023.

Table 28: Disaggregated Business Electricity Prices 2023 (€)

Country	Energy and	Network	Renewable	Capacity	Environmental	Other
	Supply	Costs	Taxes	Taxes	Taxes	
EU-27	14.67	3.47	0.53	0.35	1.17	0.18
Euro area	15.55	3.40	0.57	0.35	0.95	0.21
Belgium	14.69	2.29	1.45	0.14	0.71	0.00
Bulgaria	11.55	2.60	0.00	0.00	0.10	-0.61
Czechia	15.86	3.86	0.00	0.00	0.12	0.00
Denmark	10.50	2.61	0.11	0.00	0.15	0.00
Germany	13.81	4.21	0.36	0.83	2.05	0.27
Estonia	10.62	3.71	1.18	0.00	0.10	0.00
Ireland	22.78	3.57	-0.95	-0.13	0.04	0.70
Greece	15.77	1.63	0.83	0.00	0.31	-0.99
Spain	11.66	3.26	0.27	0.04	0.07	0.35
France	17.34	2.88	0.00	0.23	0.05	0.00
Croatia	20.39	3.31	1.35	0.00	0.05	0.00
Italy	17.45	2.93	2.67	0.57	0.84	0.52
Cyprus	17.74	2.38	0.50	0.65	6.88	0.05
Latvia	13.23	2.83	0.00	0.00	0.00	0.13
Lithuania	12.77	3.83	-0.76	0.00	0.17	0.00
Luxembourg	15.28	4.25	0.52	0.00	0.00	-0.84
Hungary	18.36	6.61	0.35	0.00	0.08	0.40
Malta	10.92	2.70	0.00	0.00	0.15	0.00
Netherlands	17.35	4.25	0.00	0.00	3.09	0.00
Austria	18.74	3.40	0.01	0.00	0.11	0.07
Poland	10.62	4.56	0.58	1.04	5.66	0.11
Portugal	12.20	3.90	-3.78	-1.79	0.08	0.97
Romania	12.29	3.22	1.23	0.00	0.05	0.00
Slovenia	17.59	2.20	1.06	0.01	0.13	0.00
Slovakia	18.34	4.24	0.63	2.33	0.13	0.00
Finland	7.13	2.20	0.00	0.06	0.00	0.00
Sweden	6.89	2.28	0.02	0.00	0.05	0.00

Source: Eurostat and SEAI

Figure 16 shows graphically the disaggregated components that make up the electricity prices to business in Europe for all bands and Figure 17 shows the share of each component for prices in Ireland.

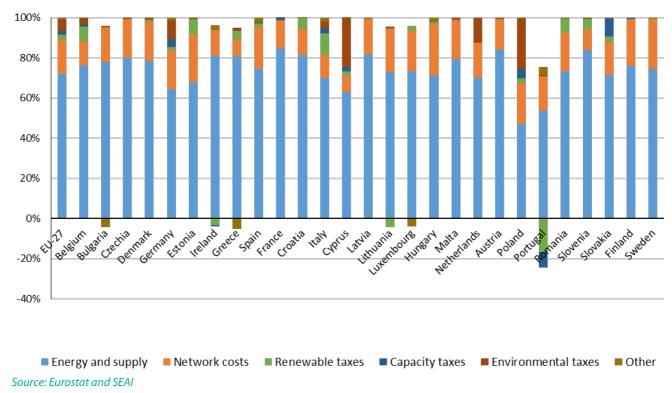
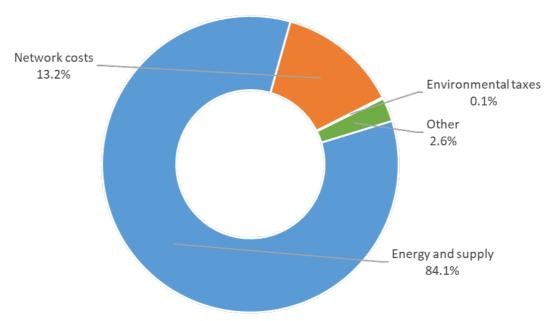


Figure 16: Disaggregation of Business Electricity Price Bands (All Bands) in Europe (€)





4.2 Business Gas Prices

The gas prices presented include all charges payable: network charges plus energy consumed minus any rebates or premiums, plus other charges (meter rental, standing charges, etc.). Initial connection charges are not included. Prices are recorded as national average prices.

The prices represent average prices weighted across the suppliers, using the market shares of the gas suppliers surveyed as the weighting factor; arithmetic average prices are provided only when weighted figures cannot be calculated. In either case, Member States are required to ensure that a representative share of the national market is covered by the survey. In Ireland the weighted average price is used and, as all suppliers are surveyed, represents the full market.

Market shares are based on the quantity of gas invoiced by the gas suppliers to business end-users. When possible, the market shares are calculated separately for each band. The information used for calculating weighted average prices is managed by Member States, respecting confidentiality rules.

In the interest of confidentiality, data relating to prices will be communicated only where there are, in the Member State concerned, at least three end-users in each of the consumption bands.

Data and analysis on gas prices in this section are based on the survey results from the Gas and Electricity Prices Regulation in respect to S2 2023. As with electricity prices, the average gas price excluding VAT and other recoverable taxes is used as this is the most relevant to business consumers.

Table 29 shows Ireland's position relative to the EU average gas prices to business for S2 2023 with S2 2022 shown in grey. The table also shows the market shares by volume for each band.

Table 29: Business Gas Prices in Ireland (€) (2nd Semester 2023) – EU Comparison

Gas prices to business (ex VAT)	Price c/kWh	% change since S2 2022	Relative to EU average S2 2023	Relative to EU average S2 2022	Band share of market
Band I1	13.0	+5%	135%	126%	9.5%
Band I2	9.6	-8%	112%	121%	17.5%
Band I3	7.0	-15%	102%	101%	24.9%
Band I4	5.6	-11%	94%	76%	39.1%
Band I5	4.0	-56%	79%	93%	9.0%

Source: Eurostat and SEAI

Figure 18 shows graphically the position of the ex-VAT gas prices to business in each consumption band during S2 2023.

14.0 13.0 12.0 9.6 10.0 8.0 7.0 **c/kWh** 6.0 5.6 4.0 4.0 2.0 0.0 Band I1 Band 13 Band I2 Band 14 Band I5 Ireland ■ Euro Area ■ EU-27

Figure 18: Business Gas Prices (€) (ex-VAT) 2nd Semester 2023

Table 30 shows Ireland's ranking in the EU for the ex-VAT prices paid by business for gas. A ranking of 1 means the highest price. The bottom row of the table shows the number of countries on which the ranking is based.

Table 30: Ireland's Ranking in EU for Business Gas Prices (€) (ex-VAT)

Electricity prices to business (ex VAT)	July '20 - Dec '20	Jan '21 - Jun '21	July '21 - Dec '21	Jan '22 - Jun '22	July '22 - Dec '22	Jan '23 - Jun '23	July '23 - Dec '23
I 1	8	11	11	16	10	4	3
12	6	9	8	15	15	11	6
13	6	6	6	17	17	17	9
14	13	7	12	24	24	16	11
15		6	17	10	13	11	14
No. of Countries	26	26	26	26	26	26	26

Source: Eurostat and SEAI

4.2.1 Business Gas Prices – Euro Area Comparison

Table 31 shows Ireland's position, relative to the Euro Area average gas prices to business for S2 2023, with S2 2022 shown in grey.

Table 31: Business Gas Prices in Ireland (€) (2nd Semester 2023) – Euro Area Comparison

Gas prices to business (ex VAT)	Price c/kWh	% change since S2 2022	Relative to EA average S2 2023	Relative to EA average S2 2022	Band share of market
Band I1	13.0	+5%	131%	127%	9.5%
Band I2	9.6	-8%	109%	127%	17.5%
Band I3	7.0	-15%	103%	111%	24.9%
Band I4	5.6	-11%	95%	81%	39.1%
Band I5	4.0	-56%	82%	95%	9.0%

4.2.2 Disaggregation of Business Gas Prices

In 2018, Eurostat began collecting more detailed data on the disaggregated components that make up natural gas prices. *Table 32* shows the disaggregation of gas prices to business weighted across all consumption bands in 2023.

Table 32: Disaggregated Business Gas Prices 2023 (€)

Country	Energy and	Network	Renewable	Capacity	Environmental	Other
	Supply	Costs	Taxes	Taxes	Taxes	
EU-27	5.94	0.66	1.56	0.92	0.01	0.12
Euro area	5.85	0.66	1.50	0.79	0.00	0.14
Belgium	5.18	0.27	0.80	0.71	0.00	0.02
Bulgaria	4.81	0.43	0.80	0.75	0.00	0.00
Czechia	5.96	0.63	1.55	1.41	0.00	0.00
Denmark	4.72	0.82	3.31	2.20	0.00	0.00
Germany	5.41	0.67	1.75	0.51	0.00	0.41
Estonia	6.14	0.91	1.69	1.46	0.00	0.00
Ireland	5.81	1.40	1.08	0.59	0.00	0.00
Greece	5.30	0.58	0.72	0.35	0.00	0.08
Spain	4.35	0.23	0.41	0.24	0.03	0.02
France	6.64	0.60	1.85	1.33	0.00	0.04
Croatia	6.09	0.51	0.39	0.33	0.00	0.00
Italy	6.54	1.17	0.52	0.38	0.00	0.00
Latvia	7.04	0.93	1.85	1.71	0.00	0.03
Lithuania	5.60	1.01	1.56	1.42	0.00	0.11
Luxembourg	7.35	0.71	-0.18	0.52	0.00	0.00
Hungary	8.31	0.65	2.94	2.53	0.00	0.31
Netherlands	6.56	0.38	3.77	1.86	0.00	0.00
Austria	5.49	0.49	1.63	1.23	0.00	0.00
Poland	7.37	0.75	1.96	1.88	0.04	0.00
Portugal	5.77	0.39	1.42	1.43	0.00	0.00
Romania	4.48	0.55	1.01	0.96	0.00	0.00
Slovenia	5.91	0.57	1.37	1.09	0.15	0.00
Slovakia	7.64	1.13	1.91	1.78	0.00	0.00
Finland	6.58	0.67	4.35	2.25	0.00	0.01
Sweden	8.63	1.23	5.94	3.16	0.00	0.00

Source: Eurostat and SEAI

Figure 19 shows graphically the disaggregated components that make up the gas prices to business in Europe for all bands and

100% 80% 60% 40% 20% 0% wetherlands Germany Austria Poland Denmark 2 Clechia lithuania HUTERTY Estonia reland Lutembour Bullaria and creece spain France Odtia Kaly atria land tugal aria aria eria akia lard ■ Energy and supply ■ Network costs ■ Renewable taxes ■ Capacity taxes ■ Environmental taxes ■ Other

Figure 19: Disaggregation of Business Gas Price (All Bands) in Europe (€)

Figure 20 shows the share of each component for prices in Ireland.

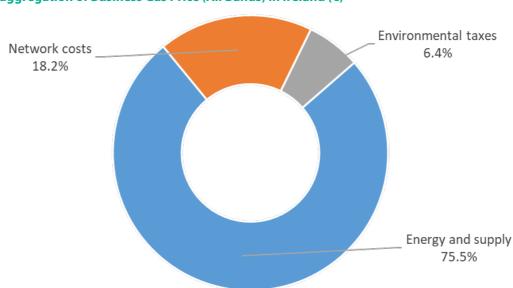


Figure 20: Disaggregation of Business Gas Price (All Bands) in Ireland (€)

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Acknowledgements

SEAI gratefully acknowledges the co-operation of all the organisations, agencies, energy suppliers and distributors that provide data and respond to its questionnaires throughout the year.





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