

YEARLY REPORT ON THE OPERATION OF THE CZECH GAS SYSTEM 2023



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INTRODUCTION

Under Section 17 (7) (m) of Act No 458/2000 (the Energy Act) as amended, the Energy Regulatory Office (ERO) publishes the Yearly Report on the Operation of the Czech Gas System for 2023. The statistics contained herein are mainly intended for Czech governmental authorities and institutions and those of the European Union, and the expert circles.

In this report, the ERO discloses all available operating and technical data representing physical gas flows. The ERO obtains data for the yearly report under ERO Public Notice 404/2016 on the particulars and structure of the returns required for preparing reports on the operation of systems in energy industries, including the dates, scope and rules for preparing the returns (the statistics public notice), which came into effect on 1 January 2017. Under its competences set out in Section 20a (4) (e) of Act No 458/2000, the Energy Act, the market operator prepares its monthly and yearly statistics of the electricity and gas markets, which supplement the ERO's statistics with trading data.

All details of the methodology for reporting data for the ERO statistics are specified in the ERO's Explanatory Statement 9/2018 of 14 September 2018 on the method of completing the returns under the statistics public notice for the gas industry. The Explanatory Statement and the current returns are posted on the ERO's website.

All of the data contained herein comes from information received from licensed entities: gas producers and distribution system operators, the gas transmission system operator, and storage system operators.

This Yearly Report on the Operation of the Czech Gas System for 2023 follows up on the ERO's earlier reports released in preceding years and offers information about the gas industry's key statistics for 2023, including their development over the past ten years. Its respective chapters contain statistics on gas balance, production and consumption by category, including gas consumption for electricity generation. The report also contains an evaluation of cross-border gas flows, gas storage, some regional evaluations, and tariff statistics. The Yearly Report for 2023 relies on the data in the report for Q4 2023 and contains some more accurate data.

1 ABBREVIATIONS AND DEFINITIONS

Actual	Actually metered natural gas consumption
Adjusted	Natural gas consumption adjusted to the long-term normal temperature determined by the Czech Hydrometeorological Institute
Balancing difference in the TS	Daily physical gas quantity for fuelling compression stations (fuel gas) plus other gas, which represents unmetered values of the difference-causing quantities in the total balance in the transmission system
BTS	Cross-border transfer station (interconnector)
CNG	Compressed Natural Gas
Customers	Gas consumption in all customer categories
Difference	The difference between average temperature and the long-term normal
DOM	Households (customer category)
DS	Distribution system
DSO	Distribution system operators
DTG	Daily temperature gradient (change in gas consumption caused by a unit change in temperature)
EG	Electricity generation
EG.D	EG.D, a.s. – a company operating a regional distribution system
GasNet	GasNet, s.r.o. – a company operating a regional distribution system
Green Gas	Green Gas DPB, a.s. – a company operating a local distribution system
GS CZ	Gas Storage CZ, s.r.o. – a company operating UGS facilities
HD_C	High demand customers (customer category)
Heating season	The 1st and 4th quarter of the year
HP	Heat production
KHO	Reference hourly reading
KS	Compression station
LD_C	Low demand customers (customer category)
LDS	Local distribution system
LNG	Liquefied Natural Gas
MD_C	Medium demand customers (customer category)
MND ES	MND Energy Storage a.s. – a company operating a UGS facility
Moravia GS	Moravia Gas Storage a.s. – a company operating a UGS facility
NET4GAS	NET4GAS, s.r.o., the company that operates the gas transmission system, the TSO
NTL	Low-pressure gas pipeline (up to 5 kPa)
OG	Other gas (includes own use, losses and change in the line pack in distribution systems)
Other companies	NET4GAS, s.r.o., all LDS, gas producers
PKS	Gas for fuelling compression stations in the gas transmission system

PP Distribuce	Pražská plynárenská Distribuce, a.s. – a company operating a regional distribution system
PPE	Combined cycle power station
PPL	Cross-border gas pipeline
R	Region
RDS	Regional distribution system
STL	Intermediate-pressure gas pipeline (from 5 kPa to 0.4 MPa)
The normal	Long-term normal temperature (“the normal”) calculated by the Czech Hydrometeorological Institute for the gas industry
TS	Transmission system
TSO	Transmission system operator
UGS	Underground gas storage facility
VP	Gas production
VS	Gas producers’ own use
VTL	High-pressure pipeline (from 0.4 MPa)

2 COMMENTARY

In 2023, natural gas was supplied continuously to customers' requirements, specifically at the standard off-take level, which means full off-take in line with the daily gas off-take as agreed in contracts (public notice 344/2012 on states of emergency in the gas system and on methods of ensuring the security standard of gas supply, as amended).

Natural gas inflows from abroad into the Czech gas system (imports into the Czech Republic) totalled 7,833 million m³ (85,663 GWh) in 2023, down by almost three quarters (71.1%) year-on-year, the drop being due to the geopolitical situation caused by the Russian invasion and the developments related with the invasion. Almost all natural gas was imported via cross-border transfer stations on the German-Czech border. The flow of natural gas from the Czech gas system to other countries (exports from the Czech Republic) totalled only 1,024 million m³ (11,207 GWh). The balances in the Czech gas system are specified in Chapter 3.

Natural gas flows from the underground gas storage facilities (gas withdrawal) that form part of the Czech gas system totalled 1,863 million m³ (20,139 GWh). On the other hand, natural gas flows into the gas storage facilities (gas injection) amounted to 2,022 million m³ (22,128 GWh). In the storage facilities located in the Czech Republic, operating gas stores amounted to 3,063 million m³ (33,293 GWh) at the end of the year. Separate gas flows from/into storage facilities in 2023 and for the last ten years are shown in Chapter 4.

Natural gas production in the Czech Republic amounted to 88 million m³ (960 GWh), meeting 1.3% of total gas consumption. Natural gas production fell by 40.4% year-on-year. The report also shows the production of other gases with supply to distribution networks, gas supply to directly connected customers, and gas producers' own use. All these details, including a year-on-year comparison, are set out in Chapter 5.

In 2023, natural gas consumption in the Czech Republic totalled 6,759 million m³, i.e. 73,742 GWh (in the Czech Republic, the average gross calorific value was 10.91 kWh/m³, i.e. 39.28 MJ/m³). Compared with 2022, actual consumption decreased by 10.4%. The average annual temperature was 9.9 °C, and the difference from long-term normal temperature was +1.4 °C and from average temperature in 2022 it differed by +0.5 °C. Gas consumption in the heating season accounted for around 68% of the total annual consumption. The lowest monthly consumption was measured in July (281 million m³, i.e. 3,082 GWh), while the peak consumption was registered in January (892 million m³, i.e. 9,715 GWh). A decrease in consumption compared with the same period of 2022 was registered in all months of the year under review, most of all in January (21.4%) and in September (21.2%). Adjusted to long-term normal temperature using temperature gradients, in 2023 natural gas consumption amounted to 7,153 million m³, i.e. 78,045 GWh, down by 8.1% year-on-year. Chapter 6 offers an overall evaluation of natural gas consumption in the Czech Republic in 2023, including a year-on-year comparison, development of consumption over the past ten years, and ambient temperatures.

Following two years of significant decline in consumption, in 2023 the smallest quantity of gas was consumed in the Czech Republic for more than thirty years. On the other hand, in the years preceding those two years, natural gas consumption was experiencing a gradual growth, despite small fluctuations, which was abruptly ended in 2022. The end of the growth, associated with the largest drop in consumption, by 20%, marked the end of 2022. In 2023, consumption dropped again year-on-year, specifically by more than one tenth. While 2021 saw the highest value of consumption from 2005, since 2022 consumption has been declining due to the war in Ukraine with its adverse impacts on energy markets. Together with all the other EU countries, the Czech Republic was compelled to coordinate measures intended to reduce natural gas consumption. In the summer of 2022, the European Council adopted a Regulation aimed at reducing gas demand by 15%. Supported by warmer weather in the winter months of 2022, the adoption of a number of austerity measures and customers' transition to other energy sources helped to reduce natural gas consumption by 20% year-on-year in 2022 and in 2023 by another 10.4%, which constitutes a difference between consumption in 2021 and in 2023 of around 2.7 bcm (27 TWh). In addition to the above aspects, natural gas consumption in the Czech Republic is also heavily influenced by air temperatures, which have been above the long-term normal temperature (8.5 °C) for almost the whole of the ten-year period. At the same time, a change of 1 °C in the average annual temperature causes a difference of about 280 million m³ (3,055 GWh) in gas consumption.

The daily temperature gradient, which indicates the change in gas consumption caused by a unit change in temperature, ranged from 0.739 to 1.421 million m³/day/°C (8,107 to 15,480 MWh/day/°C) throughout the 2023 heating season, i.e. from January to March and from October to December. Summer seasons see the weakest relationship between gas consumption and temperature; in summer, the daily temperature gradient dropped to as low as 0.019 million m³/day/°C (210 MWh/day/°C). Daily gas consumption in 2023 ranged from 6.476 to 41.450 million m³ (70,973 to 450,006 MWh) with the ratio of the lowest and highest consumption amounting to 6.4:1. The maximum daily consumption of natural gas of 41.450 million m³ (470,006 MWh) was recorded on Tuesday 7 February, when the average daily temperature was -6.1 °C. Retroactively for that day, the reference hourly reading (KHO) was declared; it represents hourly gas supply and consumption values from gas businesses, on the basis of which the reference hourly reading in the Czech gas system is determined. These readings suggested that hourly consumption peaked during the morning and afternoon hours, while a more significant decline in consumption occurred during the night. Between 08:00 and 09:00, gas consumption peaked at 2.104 million m³ (22,709 MWh) while the average temperature was -9.1 °C for that hour. The overall evaluation of the reference hourly reading in the Czech gas system is shown in detail in Chapter 7.

In terms of gas consumption by customer category, in 2023 the high-demand category took the largest share (as usual) of total gas consumption, 48.2%, followed by the household category with 26.1%, the low-demand category with 14.4%, and the medium-demand category with 9.9%. Other gas, which includes own use, losses, changes in the line pack in distribution systems, and gas producers' own use, accounted for 1.5% of the country's total gas consumption. In terms of gas use, the business sector took the largest share of total consumption: 49.8%, followed by households: 26.1%, heat production: 13.7%, electricity generation: 7.7%, and supply to CNG stations: 1.3%. Chapter 8 shows the total share of each of the demand categories in total natural gas consumption in the Czech Republic in 2023 and over the past ten years.

As at 31 December 2023, a total of 2,752,442 customers were connected to the gas system in the Czech Republic. Households accounted for more than 92% of them. The largest numbers of household gas customers are in Prague, the Jihomoravský Region, and the Moravskoslezský Region. Over the last ten years, the number of all customers declined by 96,720. In 2023, the number of customers declined by 28,842 year-on-year, which is the second largest ever drop. The largest number of connected customers over the last ten years, 2,849,162, was seen in 2014. A detailed breakdown of gas consumption and gas pipeline length by distribution system is presented in Chapter 9. Historical data shows the development of natural gas and town gas consumption and customer numbers between 1954 and 2023. In that period, the gas system experienced vigorous development in all segments of gas demand, including the infrastructure. In the 1980s and 1990s, the gradual conversion from town gas to natural gas (with the last town gas supply discontinued in June 1996) contributed to the growth in natural gas consumption. Since 2001, when the highest ever annual natural gas consumption (9.8 bcm, 102.6 TWh) was achieved, consumption was stable and between 2007 and 2015 it even declined quite significantly. The flat and then declining consumption was mainly attributable to changes in energy prices, the end of governmental subsidies for connections to gas supply, the slowdown in the gradual rollout of gas networks in the regions, reductions in the energy intensity of loads (thermal insulation of buildings, modernisation of appliances), companies' pressures for cost cutting, savings in outlays on energy in periods with transitional temperatures, the absence of major projects for connecting new high-demand customers, etc. With the exception of 2018, between 2015 and 2021 consumption was gradually rising and reached 9.4 bcm, i.e. 100.7 TWh. However, this increase was truncated in 2022 by the warfare developments in Ukraine and the associated impacts on the energy sector. In 2023, natural gas consumption even dropped to the consumption level of 1992 when, moreover, town gas was still supplied at 1.5 bcm/year, i.e. 7.4 TWh. In 2006, the highest daily consumption of natural gas was measured, 67.6 million m³ (713.3 GWh), and 2009 saw the largest number of connected customers, 2,871,547 (Chapter 12). The historical data is complete with average air temperatures between 1994 and 2023.

3 GAS SYSTEM

3.1 Yearly balance in the Czech gas system

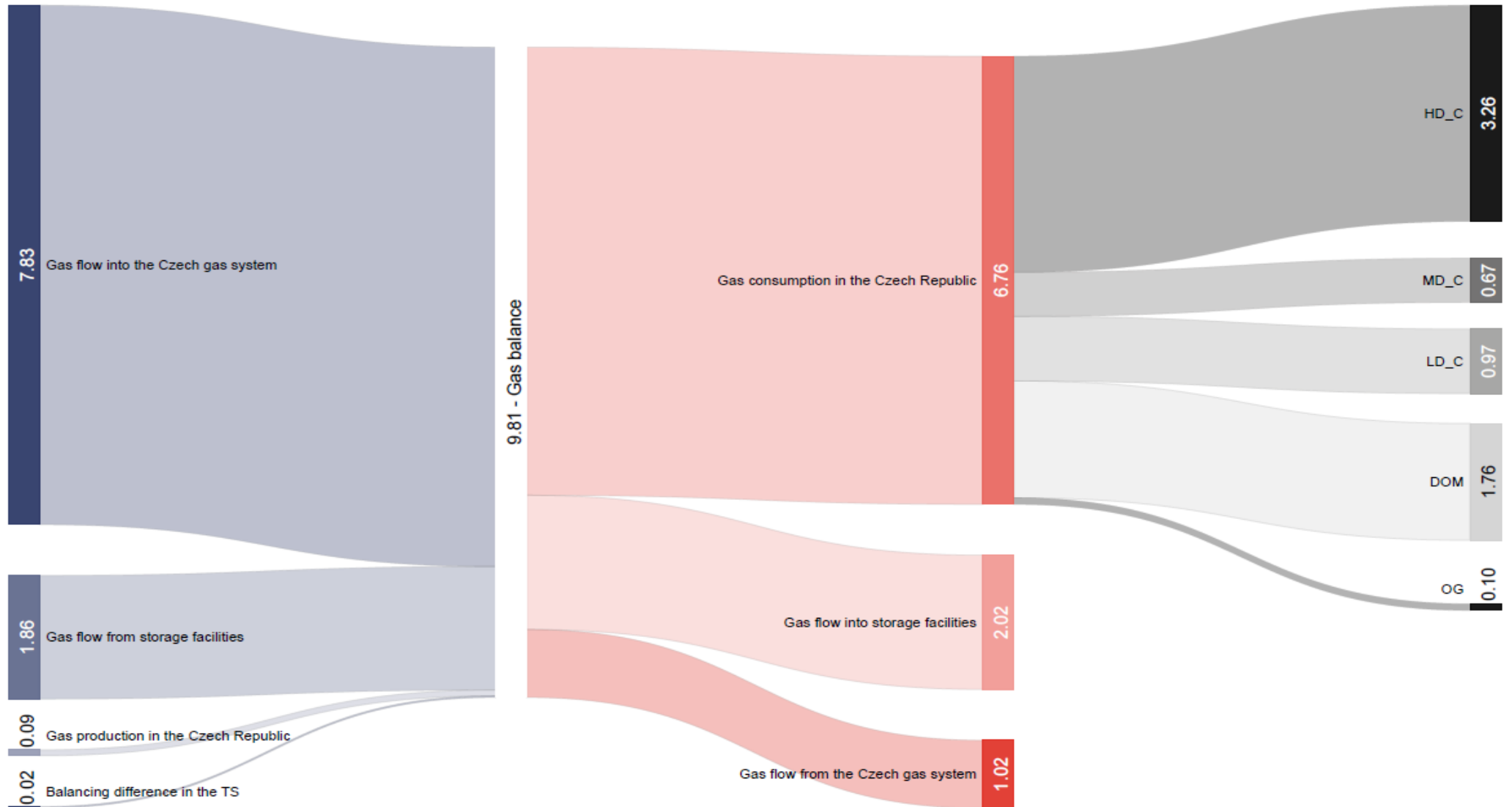


		th m ³ /yr	MWh/yr	Aggregate gas quantity in thousands m ³ /day	
Gas flow into/from the Czech gas system	Into CR	Via BTS	7,831,424	85,647,769	
		Via PPL	1,293	14,911	
		Total	7,832,717	85,662,680	
	From CR	Via BTS	1,024,078	11,203,956	
		Via PPL	307	3,342	
		Total	1,024,384	11,207,298	
Net balance into/from CR	Via BTS	6,807,347	74,443,813		
	Via PPL	986	11,568		
	Total	6,808,332	74,455,382		
Gas flow from/into UGS that form part of the Czech gas system	From UGS	GS CZ	1,272,745	13,717,205	
		MND ES	306,452	3,329,590	
		Moravia GS	283,889	3,091,818	
		Total	1,863,086	20,138,612	
	Into UGS	GS CZ	1,339,903	14,654,988	
		MND ES	336,893	3,691,819	
		Moravia GS	347,893	3,813,129	
		Total	2,024,689	22,159,936	
	Net balance from/into UGS	GS CZ	-67,157	-937,783	
		MND ES	-30,441	-362,229	
Moravia GS		-64,005	-721,311		
Total		-161,603	-2,021,323		
Total stores in UGS		3,062,641	33,293,276		
Gas production in the CR	Connected to RDS	From VP to DS	76,559	835,101	
		VS	1,728	20,031	
		Total	78,287	855,132	
	Connected to LDS	From VP to DS	9,980	104,823	
		VS	14	146	
		Total	9,994	104,969	
	Total	From VP to DS	86,539	939,924	
	VS	1,742	20,176		
	Total	88,281	960,100		
Gas consumption in the CR	Consumption in RDS	Customers	6,314,007	68,879,513	
		OG	95,477	1,039,896	
		Total	6,409,484	69,919,410	
	Consumption in LDS not included in RDS	Customers	9,913	104,078	
		OG	14	146	
		Total	9,927	104,223	
	Gas production (VS)		1,728	20,031	
	Customers connected directly to TS		336,620	3,689,881	
	Total CR	Customers	6,660,540	72,673,472	
		OG+VS+PKS	98,034	1,068,976	
Total		6,758,574	73,742,448		
Balancing difference in the TS		23,564	348,290		

Note: The opposite signs of values in volumetric and energy units of the 'Balancing difference in the transmission system' are due to the different gross calorific values at entry into and exit from the gas system. It represents unmetred values of the difference-causing quantities in the total balance in the transmission system.

3.2 Yearly balance in the Czech gas system - diagram

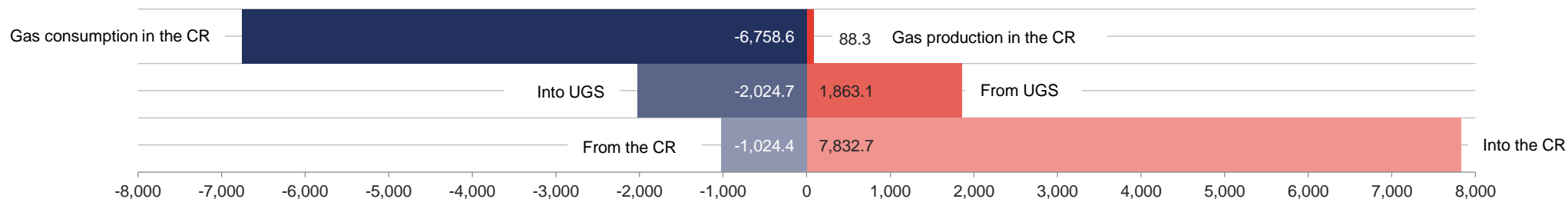
Gas balance for 2023 (bcm)



3.3 Balance in the Czech gas system in 2023

Period	million m ³									GWh								
	Gas flow into/from the Czech gas system			Gas flow from/into UGS that form part of the Czech gas system			Gas production in the CR (total including VS)	Balancing difference in the TS	Gas consumption in the CR	Gas flow into/from the Czech gas system			Gas flow from/into UGS that form part of the Czech gas system			Gas production in the CR (total including VS)	Balancing difference in the TS	Gas consumption in the CR
	Into CR	From CR	Net balance into/from CR	From UGS	Into UGS	Net balance from/into UGS				Into CR	From CR	Net balance into/from CR	From UGS	Into UGS	Net balance from/into UGS			
January	611.9	171.7	440.2	484.5	50.8	433.7	11.4	6.4	891.8	6,703.0	1,877.7	4,825.3	5,235.6	556.1	4,679.5	124.5	85.2	9,714.6
February	541.7	191.6	350.0	502.7	0.5	502.3	9.6	-1.1	860.8	5,941.9	2,104.3	3,837.5	5,409.1	4.9	5,404.1	104.3	-4.6	9,341.4
March	558.7	85.8	472.8	315.2	29.3	286.0	10.4	0.1	769.3	6,090.3	938.8	5,151.5	3,383.0	319.5	3,063.5	113.0	12.1	8,340.0
April	678.9	59.8	619.1	79.4	102.6	-23.2	8.1	2.5	606.4	7,418.1	650.4	6,767.8	854.3	1,121.3	-267.0	87.3	27.1	6,615.2
May	1,032.2	66.1	966.1	0.0	612.8	-612.7	8.9	6.6	368.9	11,281.4	720.8	10,560.6	0.3	6,700.8	-6,700.5	97.4	80.9	4,038.4
June	889.5	25.5	864.0	0.2	558.4	-558.1	7.8	0.4	314.0	9,718.5	278.2	9,440.3	2.5	6,106.3	-6,103.8	84.6	17.9	3,439.0
July	572.5	78.8	493.7	0.0	219.4	-219.4	7.7	-0.8	281.2	6,273.0	862.1	5,410.9	0.0	2,402.8	-2,402.8	84.4	-10.7	3,081.8
August	587.1	145.2	441.9	14.5	178.7	-164.2	5.3	4.6	287.6	6,431.6	1,590.9	4,840.6	158.5	1,960.5	-1,802.0	58.2	58.1	3,155.0
September	473.9	97.8	376.2	30.4	106.4	-76.1	3.6	-1.5	302.3	5,203.6	1,069.4	4,134.2	332.5	1,166.9	-834.4	39.5	-18.9	3,320.3
October	589.1	18.0	571.1	9.5	124.3	-114.8	4.2	5.1	465.5	6,456.6	197.1	6,259.6	104.3	1,366.5	-1,262.2	45.3	66.0	5,108.6
November	596.6	52.3	544.3	197.7	16.3	181.3	4.6	0.8	731.1	6,507.8	571.0	5,936.8	2,161.1	178.5	1,982.6	50.2	22.4	7,992.1
December	700.7	31.8	668.9	229.0	25.3	203.7	6.6	0.6	879.8	7,636.8	346.6	7,290.1	2,497.5	275.7	2,221.8	71.3	12.8	9,596.1
1Q	1,712.2	449.2	1,263.0	1,302.5	80.5	1,222.0	31.4	5.4	2,521.8	18,735.2	4,920.9	13,814.3	14,027.6	880.5	13,147.1	341.8	92.7	27,396.0
2Q	2,600.6	151.4	2,449.1	79.7	1,273.7	-1,194.1	24.8	9.4	1,289.2	28,418.1	1,649.3	26,768.7	857.2	13,928.5	-13,071.3	269.2	125.9	14,092.6
3Q	1,633.5	321.7	1,311.8	44.8	504.5	-459.7	16.7	2.3	871.1	17,908.2	3,522.4	14,385.8	491.0	5,530.2	-5,039.2	182.1	28.5	9,557.1
4Q	1,886.4	102.1	1,784.3	436.2	165.9	270.2	15.4	6.5	2,076.5	20,601.3	1,114.7	19,486.6	4,762.9	1,820.7	2,942.1	166.9	101.2	22,696.8
1H	4,312.8	600.6	3,712.2	1,382.1	1,354.2	27.9	56.2	14.8	3,811.1	47,153.2	6,570.2	40,583.1	14,884.8	14,809.0	75.8	611.1	218.6	41,488.5
2H	3,519.9	423.8	3,096.2	481.0	670.5	-189.5	32.1	8.8	2,947.5	38,509.4	4,637.1	33,872.3	5,253.8	7,350.9	-2,097.1	349.0	129.7	32,253.9
Year	7,832.7	1,024.4	6,808.3	1,863.1	2,024.7	-161.6	88.3	23.6	6,758.6	85,662.7	11,207.3	74,455.4	20,138.6	22,159.9	-2,021.3	960.1	348.3	73,742.4

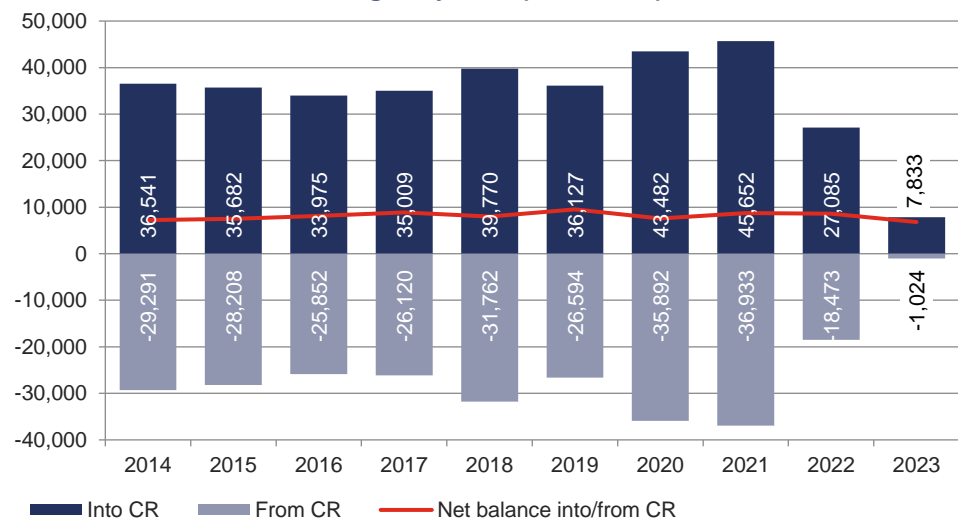
Gas flows (million m³)



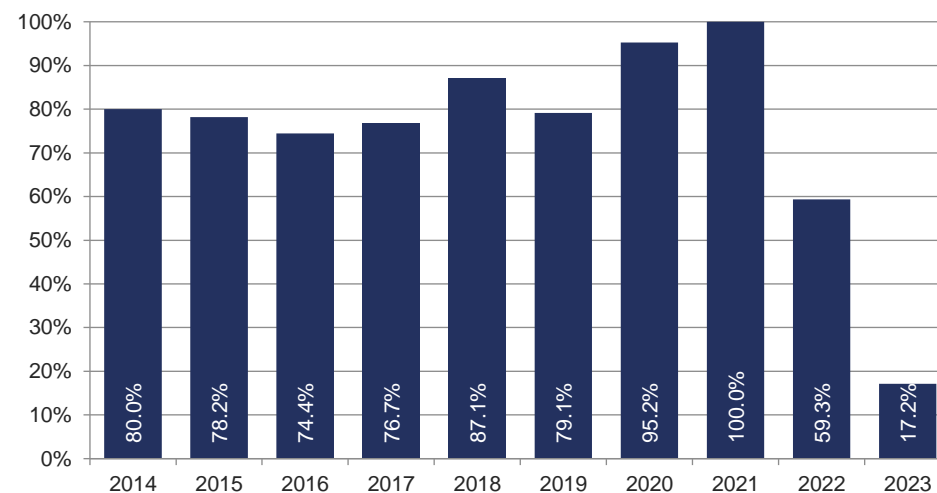
3.4 Balance in the Czech gas system over the last 10 years

Year	million m ³									GWh								
	Gas flow into/from the Czech gas system			Gas flow from/into UGS that form part of the Czech gas system			Gas production in the CR (total including VS)	Balancing difference in the TS	Gas consumption in the CR	Gas flow into/from the Czech gas system			Gas flow from/into UGS that form part of the Czech gas system			Gas production in the CR (total including VS)	Balancing difference in the TS	Gas consumption in the CR
	Into CR	From CR	Net balance into/from CR	From UGS	Into UGS	Net balance from/into UGS				Into CR	From CR	Net balance into/from CR	From UGS	Into UGS	Net balance from/into UGS			
2014	36,540.7	29,291.4	7,249.3	2,146.4	2,130.9	15.5	168.0	-152.5	7,280.4	388,422.3	311,501.4	76,920.9	22,916.8	22,677.2	239.6	1,814.3	-1,565.6	77,409.1
2015	35,681.7	28,207.9	7,473.8	2,803.3	2,656.4	146.9	158.4	-171.6	7,607.6	380,348.5	300,692.9	79,655.6	29,877.4	28,409.9	1,467.5	1,722.2	-1,777.4	81,067.9
2016	33,974.7	25,851.6	8,123.1	2,783.0	2,639.4	143.6	135.9	-147.4	8,255.1	362,845.2	276,069.6	86,775.6	29,778.4	28,289.6	1,488.8	1,472.6	-1,493.9	88,243.2
2017	35,009.2	26,120.1	8,889.1	2,383.4	2,808.6	-425.2	146.2	-82.6	8,527.5	373,373.5	278,591.5	94,781.9	25,481.6	29,988.3	-4,506.7	1,579.5	-858.5	90,996.2
2018	39,769.8	31,761.8	8,008.0	2,940.9	2,915.4	25.5	137.1	12.2	8,182.8	424,106.7	338,775.2	85,331.6	31,427.3	31,142.0	285.3	1,476.5	213.1	87,306.4
2019	36,127.1	26,593.9	9,533.2	1,270.5	2,360.9	-1,090.3	130.8	-9.0	8,564.6	385,377.8	283,856.6	101,521.2	13,570.5	25,172.0	-11,601.5	1,410.2	67.7	91,397.6
2020	43,481.6	35,891.6	7,590.0	3,039.9	2,018.9	1,020.9	122.7	-39.4	8,694.2	464,283.6	383,388.2	80,895.4	32,462.1	21,605.5	10,856.6	1,333.5	-191.0	92,894.4
2021	45,652.3	36,933.4	8,718.9	3,110.8	2,522.9	587.9	127.9	-0.9	9,433.7	486,992.2	394,171.9	92,820.3	33,243.4	26,927.9	6,315.5	1,383.8	217.8	100,737.5
2022	27,084.6	18,472.6	8,612.0	1,963.4	3,217.8	-1,254.4	148.2	38.0	7,543.8	290,582.5	197,673.2	92,909.3	21,052.2	34,629.6	-13,577.4	1,607.7	607.0	81,546.7
2023	7,832.7	1,024.4	6,808.3	1,863.1	2,024.7	-161.6	88.3	23.6	6,758.6	85,662.7	11,207.3	74,455.4	20,138.6	22,159.9	-2,021.3	960.1	348.3	73,742.4

Gas flow into/from the Czech gas system (million m³)



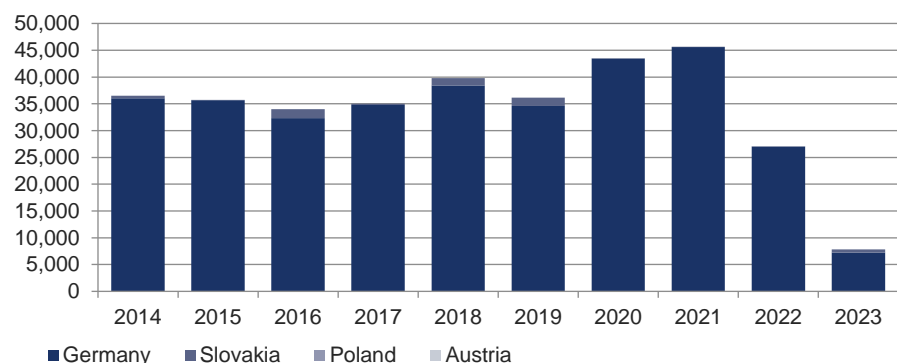
Annual gas inflows into the CR: their percentages of the largest gas flow (in 2021) over the past 10 years



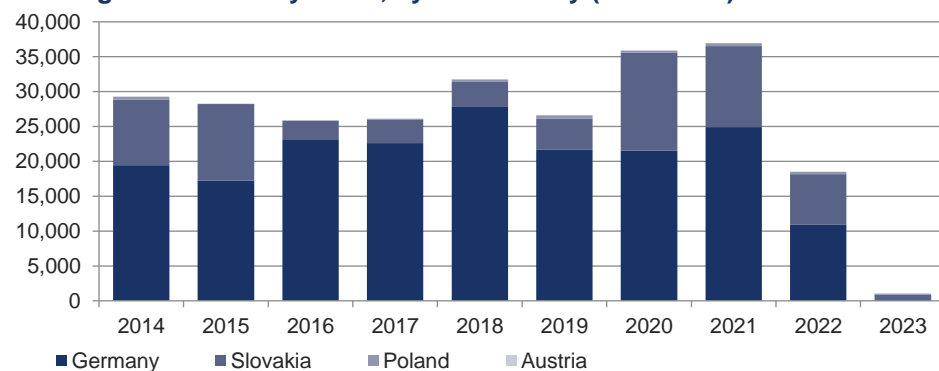
3.5 Gas flow into/from the Czech gas system, including DS, by entry/exit country over the last 10 years

	Year	Gas flow into the Czech gas system, including distribution systems, by entry country					Gas flow from the Czech gas system, including distribution systems, by exit country					Net balance into/from CR				
		Germany	Slovakia	Poland	Austria	Total	Germany	Slovakia	Poland	Austria	Total	Germany	Slovakia	Poland	Austria	Total
million m ³	2014	36,041.8	498.9	0.0	0.0	36,540.7	19,445.7	9,425.7	420.1	0.0	29,291.4	16,596.1	-8,926.7	-420.1	0.0	7,249.3
	2015	35,668.4	13.3	0.0	0.0	35,681.7	17,255.7	10,934.9	17.3	0.0	28,207.9	18,412.7	-10,921.5	-17.3	0.0	7,473.8
	2016	32,326.0	1,648.6	0.0	0.0	33,974.7	23,167.6	2,677.9	6.1	0.0	25,851.6	9,158.4	-1,029.3	-6.1	0.0	8,123.1
	2017	34,749.5	259.7	0.0	0.0	35,009.2	22,628.8	3,372.3	118.1	0.9	26,120.1	12,120.7	-3,112.7	-118.1	-0.9	8,889.1
	2018	38,428.4	1,341.4	0.0	0.0	39,769.8	27,888.9	3,505.0	366.6	1.3	31,761.8	10,539.5	-2,163.6	-366.6	-1.3	8,008.0
	2019	34,582.6	1,544.5	0.0	0.0	36,127.1	21,639.1	4,514.3	439.7	0.9	26,593.9	12,943.6	-2,969.8	-439.7	-0.9	9,533.2
	2020	43,459.1	22.5	0.0	0.0	43,481.6	21,512.7	14,040.6	338.3	0.0	35,891.6	21,946.4	-14,018.1	-338.3	0.0	7,590.0
	2021	45,604.9	47.4	0.0	0.0	45,652.3	24,926.5	11,593.9	412.9	0.0	36,933.4	20,678.4	-11,546.5	-412.9	0.0	8,718.9
	2022	26,991.0	93.6	0.0	0.0	27,084.6	10,940.9	7,199.7	331.2	0.8	18,472.6	16,050.1	-7,106.0	-331.2	-0.8	8,612.0
	2023	7,214.6	618.1	0.0	0.0	7,832.7	0.6	847.2	176.6	0.0	1,024.4	7,214.0	-229.1	-176.6	0.0	6,808.3
GWh	2014	383,075.0	5,347.3	0.0	0.0	388,422.3	206,786.8	100,241.2	4,473.5	0.0	311,501.4	176,288.2	-94,893.8	-4,473.5	0.0	76,920.9
	2015	380,205.7	142.8	0.0	0.0	380,348.5	183,958.6	116,549.4	184.8	0.0	300,692.9	196,247.0	-116,406.7	-184.8	0.0	79,655.6
	2016	345,084.1	17,761.1	0.0	0.0	362,845.2	247,382.0	28,622.9	64.7	0.0	276,069.6	97,702.2	-10,861.8	-64.7	0.0	86,775.6
	2017	370,577.7	2,795.7	0.0	0.0	373,373.5	241,348.0	35,974.7	1,259.2	9.6	278,591.5	129,229.8	-33,179.0	-1,259.2	-9.6	94,781.9
	2018	409,678.9	14,427.9	0.0	0.0	424,106.7	297,451.7	37,396.0	3,913.7	13.8	338,775.2	112,227.2	-22,968.1	-3,913.7	-13.8	85,331.6
	2019	368,764.4	16,613.5	0.0	0.0	385,377.8	230,951.3	48,194.4	4,701.5	9.5	283,856.6	137,813.1	-31,580.9	-4,701.5	-9.5	101,521.2
	2020	464,042.2	241.4	0.0	0.0	464,283.6	229,740.5	150,038.4	3,609.3	0.0	383,388.2	234,301.7	-149,797.0	-3,609.3	0.0	80,895.4
	2021	486,483.0	509.3	0.0	0.0	486,992.2	265,993.1	123,773.9	4,404.8	0.0	394,171.9	220,489.8	-123,264.7	-4,404.8	0.0	92,820.3
	2022	289,565.6	1,016.9	0.0	0.0	290,582.5	116,976.4	77,123.0	3,564.8	9.0	197,673.2	172,589.1	-76,106.1	-3,564.8	-9.0	92,909.3
	2023	78,926.2	6,736.4	0.0	0.0	85,662.7	6.3	9,275.0	1,925.9	0.0	11,207.3	78,919.9	-2,538.6	-1,925.9	0.0	74,455.4

Gas flow into the Czech gas system, including distribution systems, by entry country (million m³)



Gas flow from the Czech gas system, including distribution systems, by exit country (million m³)

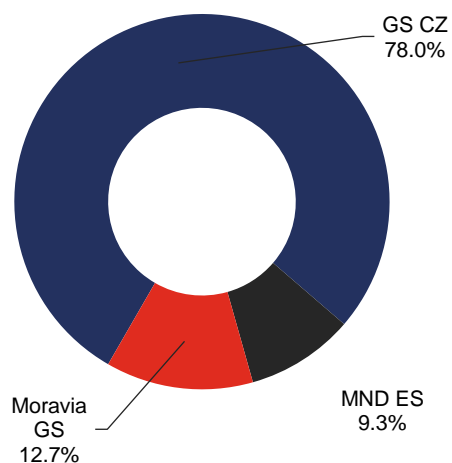


4 UNDERGROUND GAS STORAGE FACILITIES

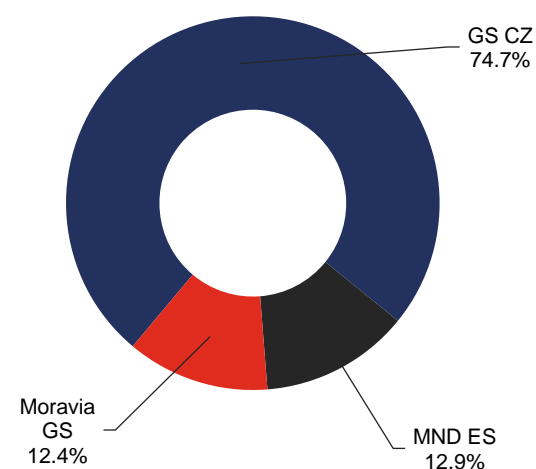
4.1 Gas flow from/into UGS that form part of the Czech gas system

SSOs	Number of UGS facilities for the CR's needs	Gas flow from/into UGS			Level of operating stores as at 31 December		Highest level of operating stores	Maximum level of operating stores	Achieved level of stores as a percentage of the maximum level of operating stores	Highest achieved daily gas withdrawal	Maximum daily gas withdrawal capacity	Achieved daily withdrawal as a percentage of the maximum gas withdrawal capacity	
		From UGS	Into UGS	Net balance from/into UGS	At the end of preceding year	At the end of the year under review							
million m³	GS CZ	6	1,272.7	1,336.9	-64.2	2,363.9	2,421.6	2,710.4	2,712.0	99.9%	40.2	60.0	66.9%
	MND ES	1	306.5	336.9	-30.4	242.8	266.2	323.5	325.0	99.5%	6.9	9.0	77.2%
	Moravia GS	1	283.9	347.9	-64.0	315.5	374.9	441.9	448.0	98.6%	6.6	7.5	88.6%
	Total	8	1,863.1	2,021.7	-158.6	2,922.2	3,062.6	3,475.8	3,485.0	99.7%	53.8	76.5	70.3%
GWh	GS CZ	6	13,717.2	14,622.8	-905.6	25,562.3	26,397.0	29,540.2	29,070.4	101.6%	431.5	644.1	67.0%
	MND ES	1	3,329.7	3,691.8	-362.2	2,560.2	2,844.9	3,473.8	3,696.0	94.0%	76.1	96.0	79.2%
	Moravia GS	1	3,092.0	3,813.3	-721.4	3,380.9	4,051.4	4,784.8	4,843.6	98.8%	71.9	80.3	89.6%
	Total	8	20,138.8	22,127.9	-1,989.1	31,503.4	33,293.3	37,798.8	37,610.0	100.5%	579.4	820.4	70.6%

SSOs' shares of the highest achieved level of operating stores



SSOs' shares of the highest daily gas withdrawal

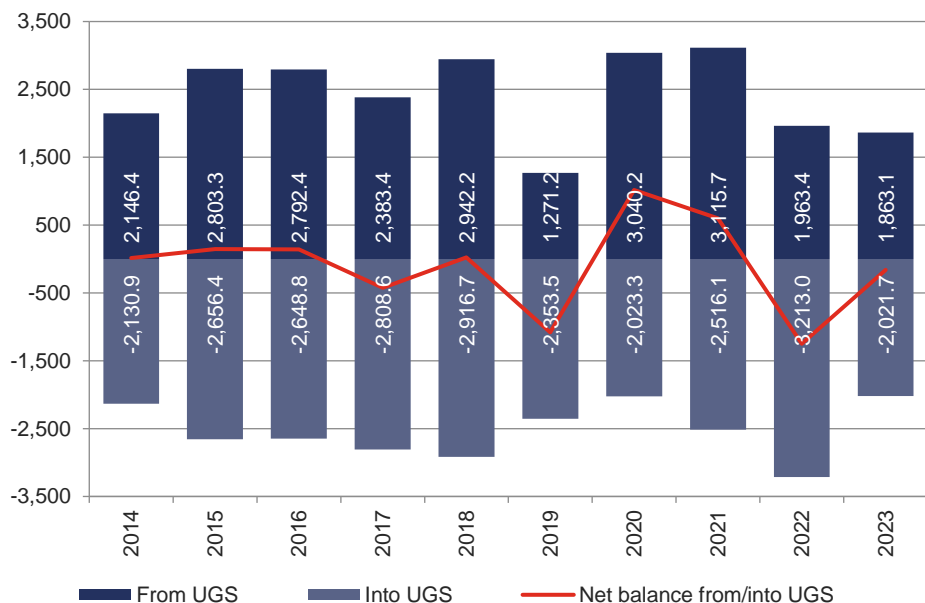


Note: Any differences between stored gas levels and withdrawal from and injection into UGS facilities are due to geological losses, own use, transfer of gas to the cushion, or increase in the stored reserves in the UGS facilities.

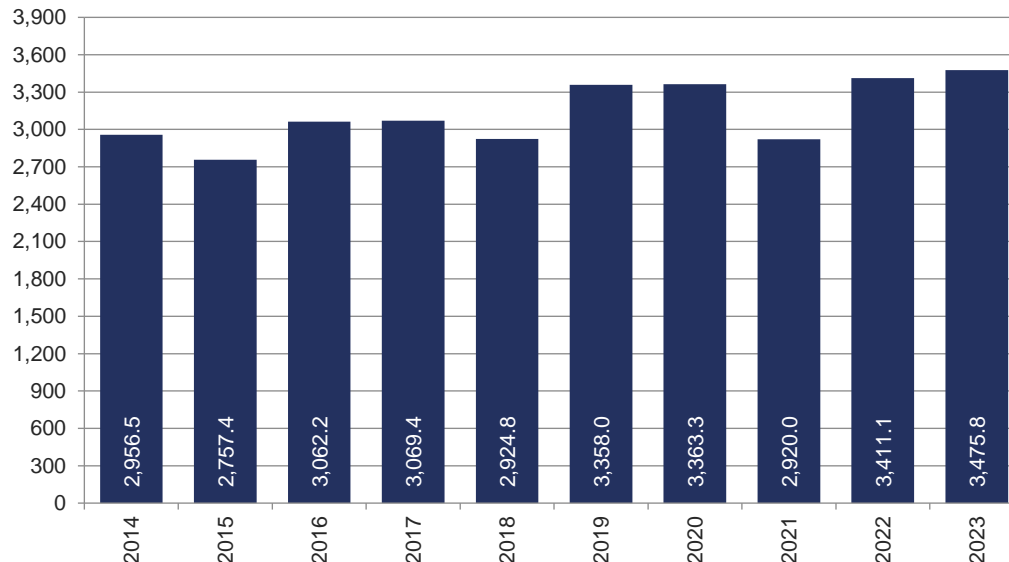
4.2 Gas flow from/into UGS that form part of the Czech gas system over the last 10 years

Year	Number of UGS facilities for the CR's needs	million m ³						GWh					
		From UGS	Into UGS	Net balance from/into UGS	Level of operating stores as at 31 December		Highest level of operating stores	From UGS	Into UGS	Net balance from/into UGS	Level of operating stores as at 31 December		Highest level of operating stores
					At the end of preceding year	At the end of the year under review					At the end of preceding year	At the end of the year under review	
2014	7	2,146.4	2,130.9	15.5	2,168.1	2,152.6	2,956.5	22,916.8	22,677.2	239.6	23,283.0	23,043.4	31,606.6
2015	7	2,803.3	2,656.4	146.9	2,152.6	2,005.6	2,757.4	29,877.4	28,409.9	1,467.5	23,043.4	21,576.0	29,609.7
2016	8	2,792.4	2,648.8	143.6	2,005.6	1,855.1	3,062.2	29,879.4	28,390.6	1,488.8	21,576.0	20,012.8	32,957.6
2017	8	2,383.4	2,808.6	-425.2	1,855.1	2,247.4	3,069.4	25,481.6	29,988.3	-4,506.7	20,012.8	24,176.5	32,952.1
2018	8	2,942.2	2,916.7	25.5	2,247.4	2,205.1	2,924.8	31,441.2	31,155.9	285.3	24,176.5	23,710.9	31,399.3
2019	8	1,271.2	2,353.5	-1,082.3	2,205.1	3,262.8	3,358.0	13,577.5	25,093.7	-11,516.2	23,710.9	34,961.9	35,976.6
2020	8	3,040.2	2,023.3	1,016.9	3,262.8	2,226.2	3,363.3	32,465.6	21,652.3	10,813.3	34,961.9	23,935.5	36,109.7
2021	8	3,115.7	2,516.1	599.6	2,226.2	1,689.9	2,920.0	33,295.7	26,855.0	6,440.7	23,935.5	18,162.5	31,318.3
2022	8	1,963.4	3,213.0	-1,249.6	1,689.9	2,922.2	3,411.1	21,052.7	34,578.7	-13,526.0	18,162.5	31,503.4	36,788.3
2023	8	1,863.1	2,021.7	-158.6	2,922.2	3,062.6	3,475.8	20,138.8	22,127.9	-1,989.1	31,503.4	33,293.3	37,798.8

Gas flow from/into UGS that form part of the Czech gas system (million m³)



Highest level of operating stores (million m³)



Note: Any differences between stored gas levels and withdrawal from and injection into UGS facilities are due to geological losses, own use, transfer of gas to the cushion, or increase in the stored reserves in the UGS facilities. Moravia Gas Storage a.s. commissioned the Dambořice UGS facility on 1 July 2016.

5 PRODUCTION OF ALL GASES

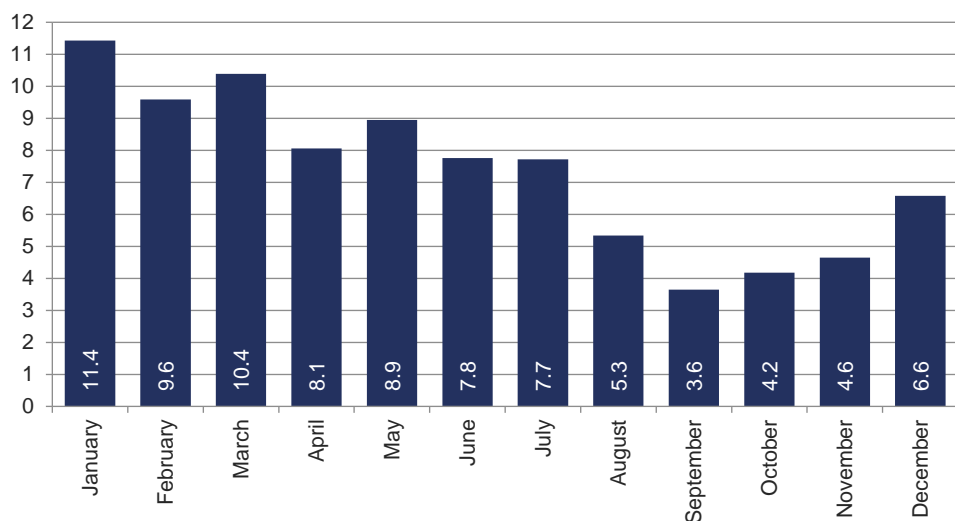
5.1 Production of all gases in the Czech Republic

Gas type	Type of production	thousands m ³		Y/y change	MWh		
		2023	2022		2023	2022	
Total gas production, including losses and own use	Natural gas for distribution	A	75,348.9	136,675.2	-44.9%	824,960.5	1,487,331.1
	Carbonic natural gas	A1	8,365.6	9,513.2	-12.1%	87,867.7	99,769.5
	Natural gas (LNG)	A2	1,628.6	686.7	137.2%	17,100.5	7,307.2
	Propane, butane and their mixtures	B	0.0	0.0		0.0	0.0
	Coke-oven gas	C	230,604.3	418,617.3	-44.9%	1,217,687.6	2,218,305.2
	Mine gas	D	75,515.3	75,699.6	-0.2%	790,896.7	792,827.2
	Landfill gas	E	5,401.9	5,004.3	7.9%	22,381.2	21,549.8
	Biogas	F	0.0	0.0		0.0	0.0
	Producer gas	G	5,660.7	0.0		9,736.9	0.0
	Biomethane	M	2,938.1	1,300.9	125.8%	30,171.1	13,319.4
	Other	Z	0.0	0.0		0.0	0.0
	Total natural gas production	A+A1+A2+M	88,281.1	148,176.1	-40.4%	960,099.8	1,607,727.3
	All gases	Total	405,463.3	647,497.3	-37.4%	3,000,802.2	4,640,409.5
Gas supply from the production installation to the distribution system	Natural gas for distribution	A	73,727.0	134,868.8	-45.3%	806,038.8	1,465,392.9
	Carbonic natural gas	A1	8,365.6	9,513.2	-12.1%	87,867.7	99,769.5
	Natural gas (LNG)	A2	0.0	0.0		0.0	0.0
	Propane, butane and their mixtures	B	0.0	0.0		0.0	0.0
	Coke-oven gas	C	230,604.3	418,617.3	-44.9%	1,217,687.6	2,218,305.2
	Mine gas	D	75,515.3	75,699.6	-0.2%	790,896.7	792,827.2
	Landfill gas	E	3,371.2	3,217.7	4.8%	14,629.4	13,853.6
	Biogas	F	0.0	0.0		0.0	0.0
	Producer gas	G	0.0	0.0		0.0	0.0
	Biomethane	M	2,832.0	1,300.9	117.7%	29,057.7	13,319.4
	Other	Z	0.0	0.0		0.0	0.0
	Total natural gas production	A+A1+A2+M	84,924.5	145,683.0	-41.7%	922,964.2	1,578,481.9
	All gases	Total	394,415.3	643,217.6	-38.7%	2,946,177.8	4,603,467.9
Gas supply from the production installation to customers connected directly to the gas production installation	Natural gas for distribution	A	0.0	0.0		0.0	0.0
	Carbonic natural gas	A1	0.0	0.0		0.0	0.0
	Natural gas (LNG)	A2	1,628.6	686.7	137.2%	17,100.5	7,307.2
	Propane, butane and their mixtures	B	0.0	0.0		0.0	0.0
	Coke-oven gas	C	0.0	0.0		0.0	0.0
	Mine gas	D	0.0	0.0		0.0	0.0
	Landfill gas	E	2,030.7	1,786.6	13.7%	7,751.8	7,696.2
	Biogas	F	0.0	0.0		0.0	0.0
	Producer gas	G	5,660.7	0.0		9,736.9	0.0
	Biomethane	M	106.1	0.0		1,113.4	0.0
	Other	Z	0.0	0.0		0.0	0.0
	Total natural gas production	A+A1+A2+M	1,734.7	686.7	152.6%	18,213.9	7,307.2
	All gases	Total	9,426.1	2,473.3	281.1%	35,702.6	15,003.4
Gas producers' own use	Natural gas for distribution	A	1,621.9	1,806.4	-10.2%	18,921.8	21,938.2
	Carbonic natural gas	A1	0.0	0.0		0.0	0.0
	Natural gas (LNG)	A2	0.0	0.0		0.0	0.0
	Propane, butane and their mixtures	B	0.0	0.0		0.0	0.0
	Coke-oven gas	C	0.0	0.0		0.0	0.0
	Mine gas	D	0.0	0.0		0.0	0.0
	Landfill gas	E	0.0	0.0		0.0	0.0
	Biogas	F	0.0	0.0		0.0	0.0
	Producer gas	G	0.0	0.0		0.0	0.0
	Biomethane	M	0.0	0.0		0.0	0.0
	Other	Z	0.0	0.0		0.0	0.0
	Total natural gas production	A+A1+A2+M	1,621.9	1,806.4	-10.2%	18,921.8	21,938.2
	All gases	Total	1,621.9	1,806.4	-10.2%	18,921.8	21,938.2

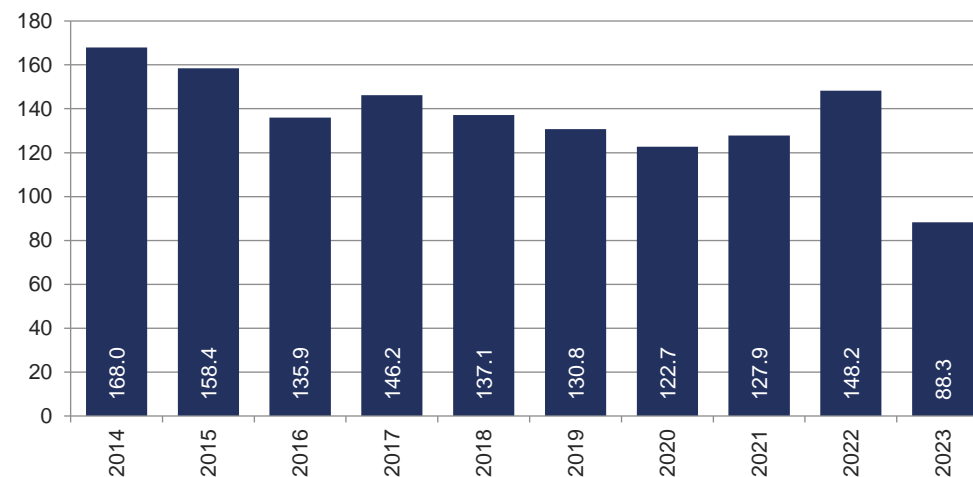
5.2 Natural gas production in the Czech Republic over the last 10 years

Year	Number of gas production installations in the CR	million m ³				GWh			
		Total gas production, including losses and own use	Gas supply from the production installation to the distribution system	Gas supply from the production installation to customers connected directly to the gas production installation	Gas producers' own use	Total gas production, including losses and own use	Gas supply from the production installation to the distribution system	Gas supply from the production installation to customers connected directly to the gas production installation	Gas producers' own use
2014	5	168.004	143.926	0.000	24.078	1,814.261	1,552.146	0.000	262.115
2015	5	158.421	152.537	0.000	5.884	1,722.212	1,658.191	0.000	64.021
2016	5	135.921	132.840	0.000	3.081	1,472.636	1,439.391	0.000	33.245
2017	6	146.244	138.719	0.517	7.526	1,579.547	1,498.535	5.513	81.011
2018	6	137.114	127.776	0.027	9.310	1,476.504	1,374.545	0.307	101.652
2019	6	130.758	120.289	0.523	9.946	1,410.224	1,296.396	5.604	108.224
2020	7	122.738	118.348	0.683	3.707	1,333.459	1,285.636	7.264	40.560
2021	7	127.866	125.137	0.991	1.738	1,383.831	1,352.951	10.403	20.477
2022	8	148.176	145.683	0.687	1.806	1,607.727	1,578.482	7.307	21.938
2023	12	88.281	84.924	1.735	1.622	960.100	922.964	18.214	18.922

Total gas production, including losses and own use in 2023 (million m³)



Total gas production, including losses and own use between 2014 and 2023 (million m³)



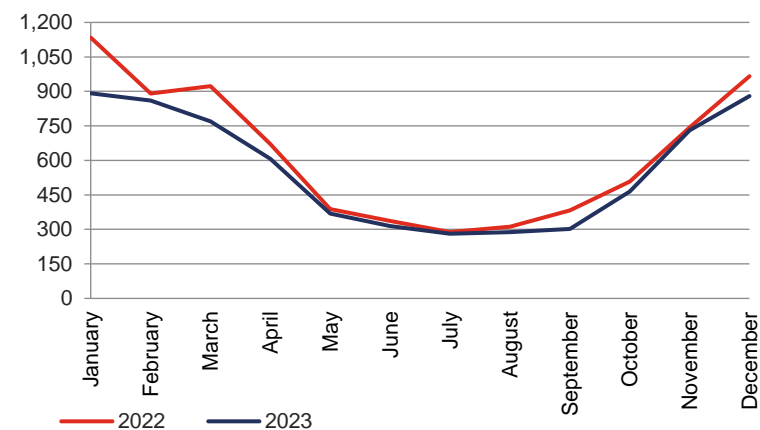
Note: The total gas production in 2017, including losses and own use, does not include gas supply to customers connected directly to the gas production installation.
 Trial LNG supply of Spolgas s.r.o. to the distribution network of GasNet, s.r.o.

6 NATURAL GAS CONSUMPTION

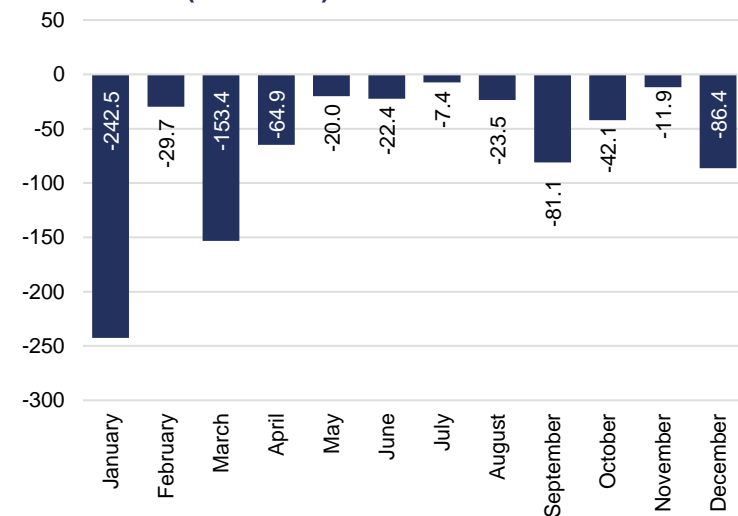
6.1 Natural gas consumption in the Czech Republic in 2023

Period	million m ³						GWh			
	Actual			Adjusted			Actual		Adjusted	
	2023	2022	Y/y change	2023	2022	Y/y change	2023	2022	2023	2022
January	891.8	1,134.3	-21.4%	1,018.3	1,205.7	-15.5%	9,714.6	12,118.8	11,092.5	12,882.5
February	860.8	890.5	-3.3%	905.1	992.3	-8.8%	9,341.4	9,527.0	9,822.1	10,616.6
March	769.3	922.6	-16.6%	813.4	915.5	-11.1%	8,340.0	9,909.5	8,818.9	9,832.9
April	606.4	671.4	-9.7%	542.1	605.3	-10.4%	6,615.2	7,238.0	5,913.7	6,525.7
May	368.9	388.9	-5.2%	354.1	408.7	-13.4%	4,038.4	4,179.7	3,876.8	4,392.8
June	314.0	336.4	-6.7%	316.4	343.0	-7.8%	3,439.0	3,649.5	3,465.3	3,721.9
July	281.2	288.6	-2.6%	289.1	290.0	-0.3%	3,081.8	3,138.9	3,168.6	3,154.6
August	287.6	311.1	-7.5%	290.2	316.7	-8.3%	3,155.0	3,377.6	3,183.8	3,438.0
September	302.3	383.4	-21.2%	352.9	364.6	-3.2%	3,320.3	4,195.3	3,876.6	3,989.5
October	465.5	507.6	-8.3%	546.3	577.4	-5.4%	5,108.6	5,563.6	5,995.2	6,328.9
November	731.1	743.0	-1.6%	760.5	772.6	-1.6%	7,992.1	8,121.1	8,313.8	8,444.9
December	879.8	966.2	-8.9%	964.3	990.4	-2.6%	9,596.1	10,527.8	10,517.8	10,791.5
1Q	2,521.8	2,947.4	-14.4%	2,736.8	3,113.6	-12.1%	27,396.0	31,555.2	29,733.5	33,332.0
2Q	1,289.2	1,396.6	-7.7%	1,212.6	1,357.0	-10.6%	14,092.6	15,067.2	13,255.7	14,640.4
3Q	871.1	983.0	-11.4%	932.2	971.2	-4.0%	9,557.1	10,711.8	10,229.0	10,582.0
4Q	2,076.5	2,216.7	-6.3%	2,271.2	2,340.4	-3.0%	22,696.8	24,212.5	24,826.8	25,565.3
1H	3,811.1	4,344.0	-12.3%	3,949.3	4,470.6	-11.7%	41,488.5	46,622.4	42,989.2	47,972.4
2H	2,947.5	3,199.8	-7.9%	3,203.4	3,311.6	-3.3%	32,253.9	34,924.3	35,055.8	36,147.3
Year	6,758.6	7,543.8	-10.4%	7,152.8	7,782.2	-8.1%	73,742.4	81,546.7	78,045.1	84,119.7

Actual monthly gas consumption year-on-year (million m³)



Change in actual gas consumption, 2023 on 2022 (million m³)

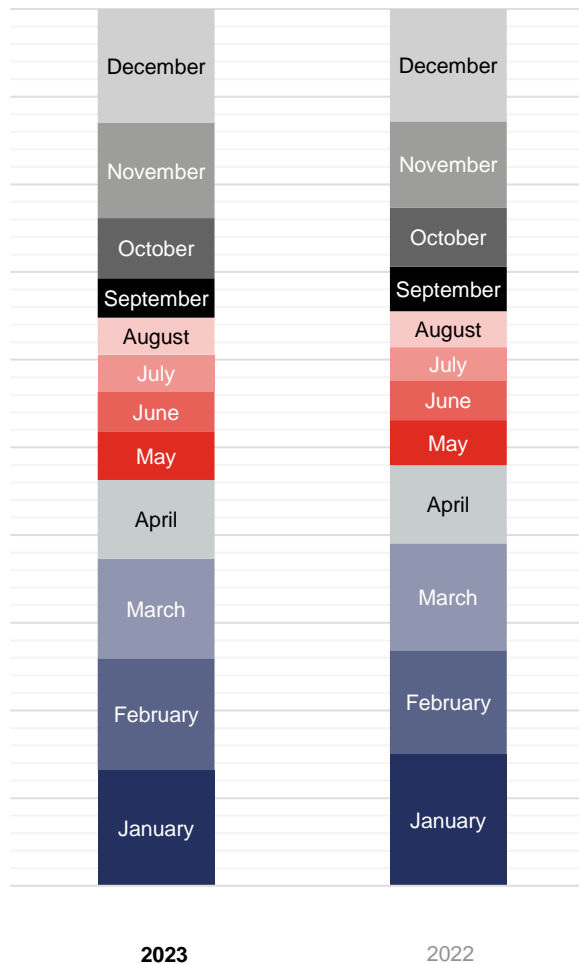


6.2 Share of natural gas consumption in each period of the year in total annual consumption in the CR

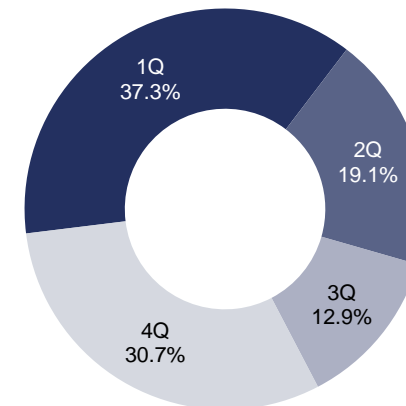
Share of consumption in each period of the year in total annual gas consumption

Period	Actual		Adjusted	
	2023	2022	2023	2022
January	13.2%	15.0%	14.2%	15.5%
February	12.7%	11.8%	12.7%	12.8%
March	11.4%	12.2%	11.4%	11.8%
April	9.0%	8.9%	7.6%	7.8%
May	5.5%	5.2%	5.0%	5.3%
June	4.6%	4.5%	4.4%	4.4%
July	4.2%	3.8%	4.0%	3.7%
August	4.3%	4.1%	4.1%	4.1%
September	4.5%	5.1%	4.9%	4.7%
October	6.9%	6.7%	7.6%	7.4%
November	10.8%	9.8%	10.6%	9.9%
December	13.0%	12.8%	13.5%	12.7%
1Q	37.3%	39.1%	38.3%	40.0%
2Q	19.1%	18.5%	17.0%	17.4%
3Q	12.9%	13.0%	13.0%	12.5%
4Q	30.7%	29.4%	31.8%	30.1%
1H	56.4%	57.6%	55.2%	57.4%
2H	43.6%	42.4%	44.8%	42.6%
Year	100.0%	100.0%	100.0%	100.0%

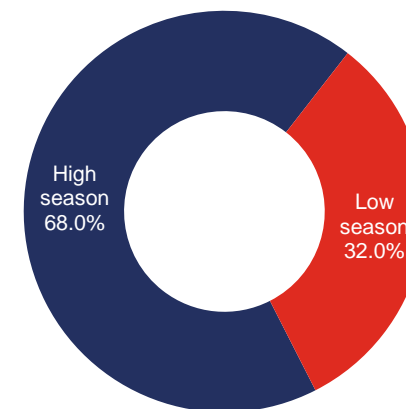
Share of actual monthly consumption in total annual gas consumption



Share of actual quarterly consumption in total annual gas consumption in 2023



Share of actual consumption in the heating season in the total annual gas consumption in 2023

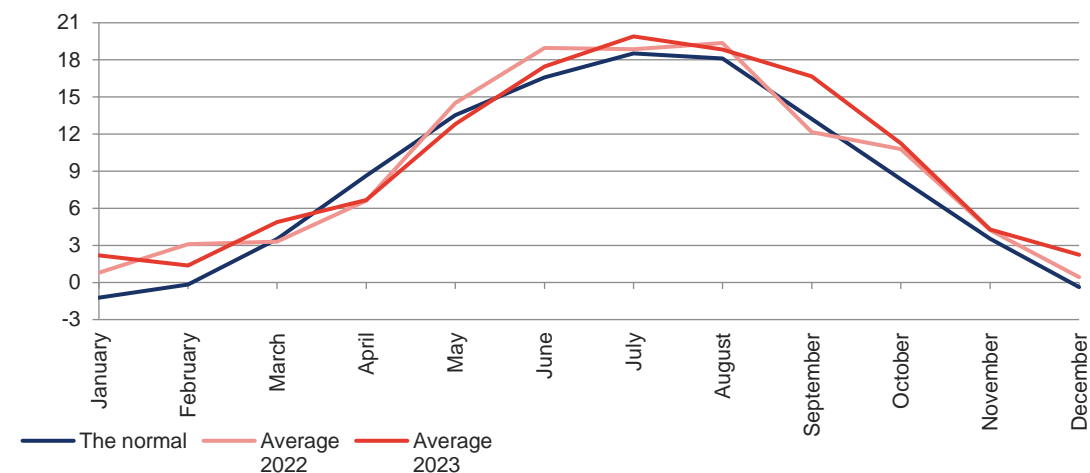


6.3 Air temperature in the Czech Republic in 2023

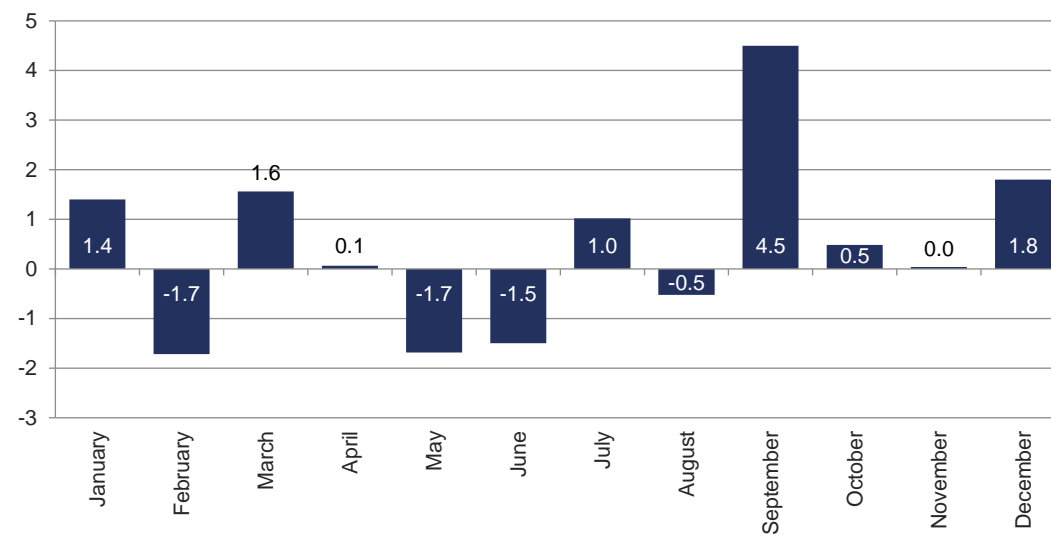
Temperature in °C

Period	Average 2023	Max 2023	Min 2023	The normal	Difference from normal	Average 2022	Change on 2022
January	2.2	8.3	-4.2	-1.2	3.4	0.8	1.4
February	1.4	9.0	-6.1	-0.2	1.5	3.1	-1.7
March	4.9	12.9	-0.6	3.5	1.4	3.3	1.6
April	6.7	12.6	-0.4	8.6	-2.0	6.6	0.1
May	12.8	18.4	8.5	13.5	-0.7	14.5	-1.7
June	17.5	24.0	13.2	16.6	0.9	19.0	-1.5
July	19.9	26.1	13.6	18.5	1.4	18.9	1.0
August	18.8	24.6	12.9	18.1	0.7	19.4	-0.5
September	16.7	20.5	11.5	13.2	3.4	12.2	4.5
October	11.3	17.6	3.4	8.4	2.9	10.8	0.5
November	4.3	10.1	-3.0	3.5	0.7	4.2	0.0
December	2.2	8.9	-5.7	-0.4	2.6	0.4	1.8
1Q	2.8	12.9	-6.1	0.7	2.1	2.4	0.4
2Q	12.3	24.0	-0.4	12.9	-0.6	13.4	-1.0
3Q	18.5	26.1	11.5	16.6	1.8	16.8	1.7
4Q	5.9	17.6	-5.7	3.8	2.1	5.2	0.8
1H	7.6	24.0	-6.1	6.8	0.8	7.9	-0.3
2H	12.2	26.1	-5.7	10.2	2.0	11.0	1.2
Year	9.9	26.1	-6.1	8.5	1.4	9.4	0.5

Monthly average temperatures year-on-year (°C)



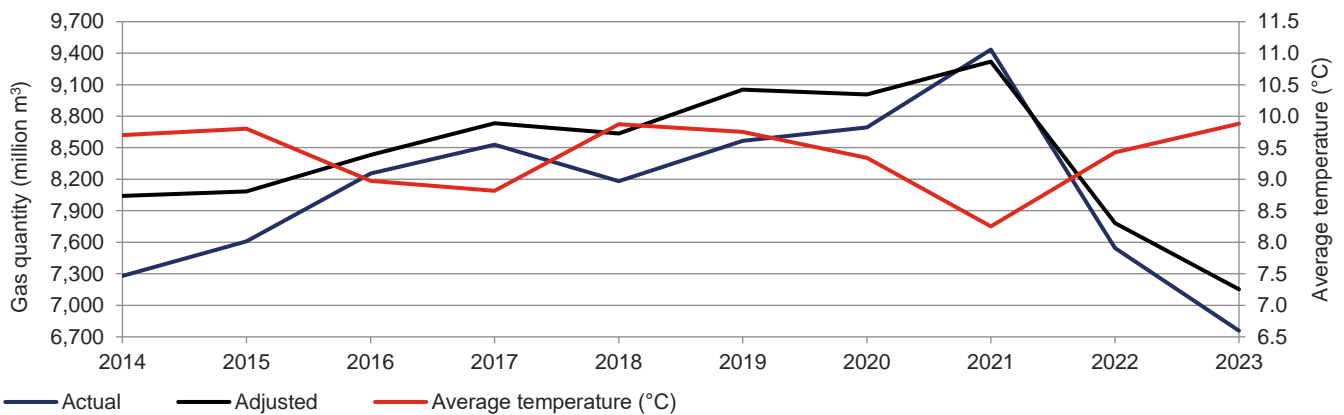
Average monthly temperatures, change 2023 on 2022 (°C)



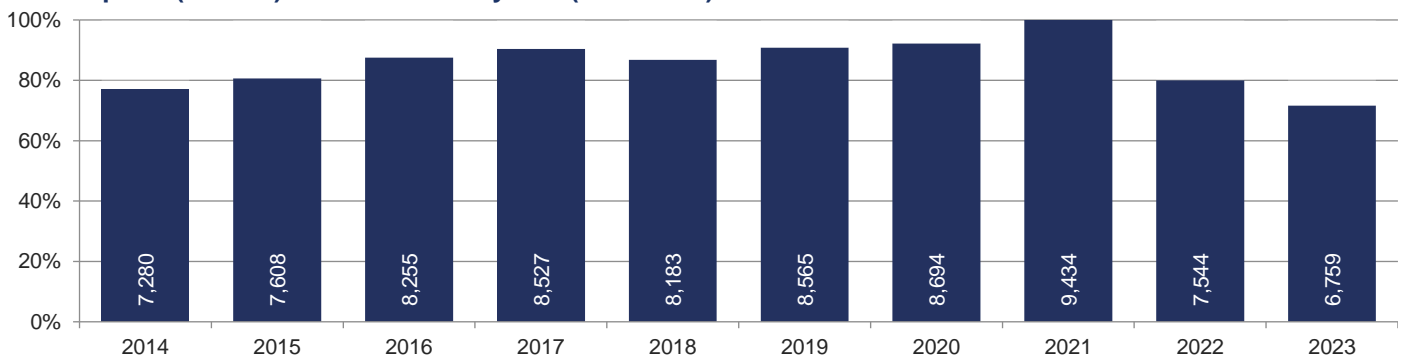
6.4 Natural gas consumption in the Czech Republic over the last 10 years

Year	Actual			Adjusted			Difference Adjusted-Actual		Air temperature in the Czech Republic (°C)			
	million m ³	GWh	Y/y change	million m ³	GWh	Y/y change	million m ³	GWh	Average	The normal	Difference from normal	Y/y difference
2014	7,280.4	77,409.1	-12.0%	8,040.7	85,490.6	-3.7%	760.3	8,081.4	9.7	7.9	1.8	1.4
2015	7,607.6	81,067.9	4.5%	8,085.4	86,156.1	0.6%	477.8	5,088.2	9.8	7.9	1.9	0.1
2016	8,255.1	88,243.2	8.5%	8,432.7	90,140.4	4.3%	177.5	1,897.2	9.0	7.9	1.1	-0.8
2017	8,527.5	90,996.2	3.3%	8,733.1	93,188.2	3.6%	205.6	2,192.0	8.8	7.9	0.9	-0.2
2018	8,182.8	87,306.4	-4.0%	8,634.5	92,125.4	-1.1%	451.7	4,819.0	9.9	7.9	2.0	1.1
2019	8,564.6	91,397.6	4.7%	9,052.0	96,599.9	4.8%	487.4	5,202.3	9.8	7.9	1.8	-0.1
2020	8,694.2	92,894.4	1.5%	9,006.2	96,225.4	-0.5%	312.0	3,330.9	9.3	8.5	0.8	-0.4
2021	9,433.7	100,737.5	8.5%	9,319.6	99,518.9	3.5%	-114.1	-1,218.6	8.3	8.5	-0.3	-1.1
2022	7,543.8	81,546.7	-20.0%	7,782.2	84,119.7	-16.5%	238.5	2,573.0	9.4	8.5	0.9	1.2
2023	6,758.6	73,742.4	-10.4%	7,152.8	78,045.1	-8.1%	394.2	4,302.6	9.9	8.5	1.4	0.5

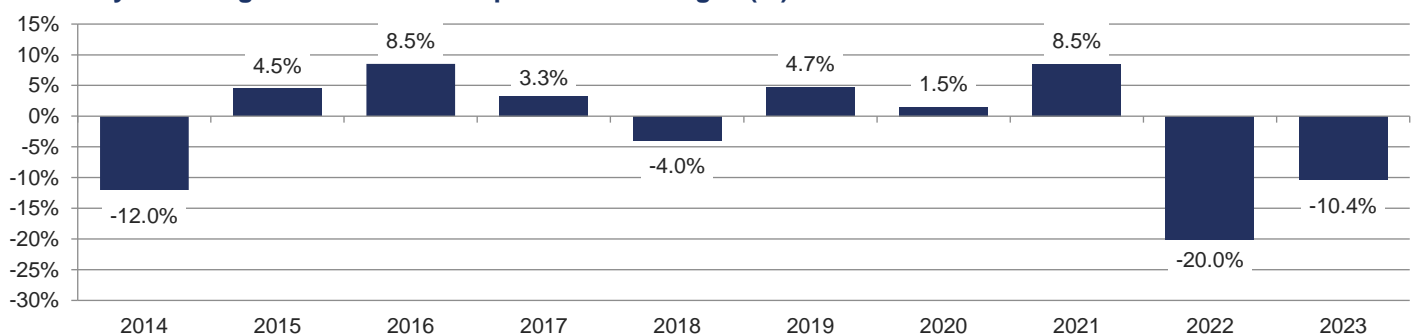
Annual natural gas consumption values and average temperatures



Annual actual gas consumption values as percentages of the highest annual consumption (in 2021) over the last 10 years (million m³)



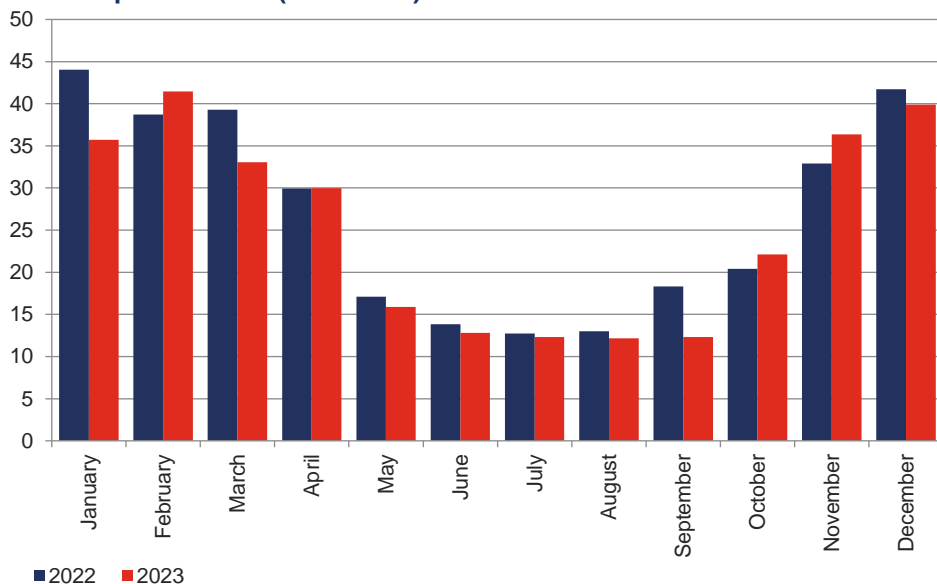
Year-on-year change in actual consumption of natural gas (%)



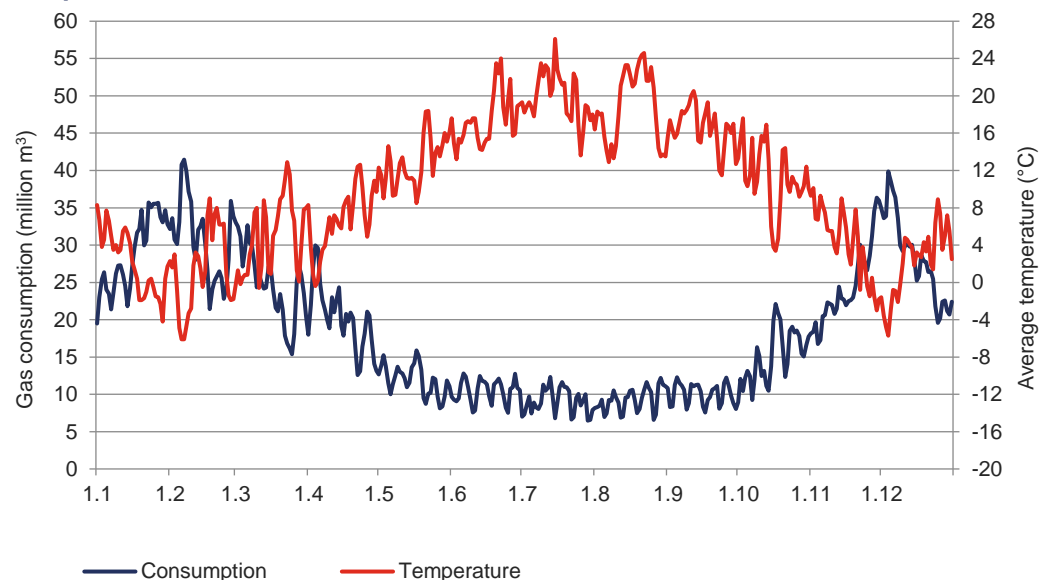
6.5 Daily maximum and minimum natural gas consumption in the Czech Republic in 2023

Period	Maximum daily gas consumption						Minimum daily gas consumption					
	2023			2022			2023			2022		
	at temperature			at temperature			at temperature			at temperature		
	million m ³	GWh	°C	million m ³	GWh	°C	million m ³	GWh	°C	million m ³	GWh	°C
January	35.702	389.026	0.2	44.045	470.538	-3.8	19.490	212.270	8.3	22.800	243.608	8.6
February	41.450	450.006	-6.1	38.704	414.204	0.5	21.410	232.229	9.0	26.410	282.567	0.0
March	33.044	358.401	-0.3	39.306	421.986	-0.9	15.366	166.556	7.7	17.428	187.132	9.0
April	29.977	327.019	-0.4	29.954	322.925	2.3	12.561	137.000	12.4	14.155	152.615	10.8
May	15.899	174.058	8.5	17.117	183.782	12.9	8.126	88.970	13.5	8.791	94.475	15.6
June	12.794	140.119	15.8	13.835	150.115	14.7	7.540	82.589	19.5	7.711	83.571	22.3
July	12.315	135.089	20.0	12.732	138.550	14.7	6.476	70.973	18.8	7.090	77.102	22.0
August	12.181	133.636	13.5	12.991	141.224	17.1	6.575	72.113	20.9	7.256	78.764	16.0
September	12.299	135.091	15.9	18.336	200.800	7.9	7.572	83.154	18.1	7.825	85.593	16.3
October	22.103	242.489	3.4	20.389	223.474	8.3	8.930	97.994	13.3	12.450	136.443	14.9
November	36.353	397.414	-3.0	32.895	359.636	0.8	16.736	182.954	6.7	18.063	197.428	6.0
December	39.884	434.983	-5.7	41.739	454.877	-4.9	19.572	213.470	8.9	19.258	209.930	9.5
Year	41.450	450.006	-6.1	44.045	470.538	-3.8	6.476	70.973	18.8	7.090	77.102	22.0

Year-on-year comparison of the maximum daily gas consumption values (million m³)



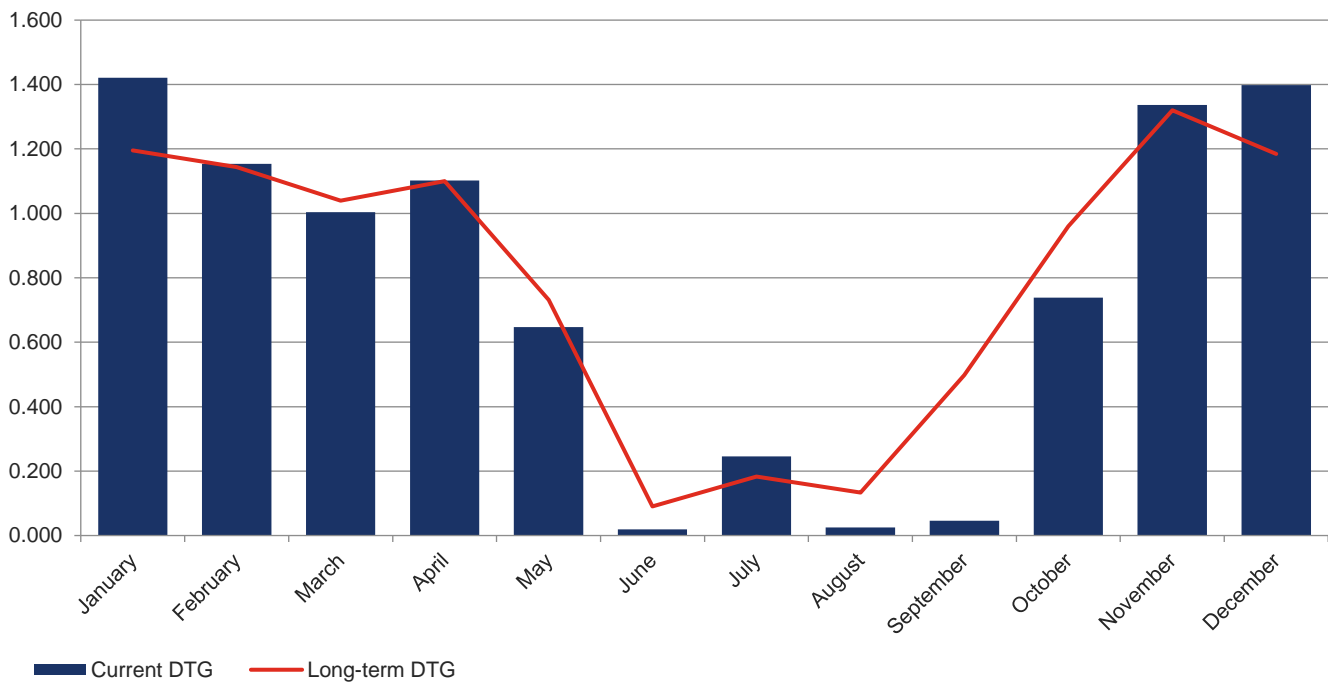
Profile of daily natural gas consumption and average temperatures between 1 Jan and 31 Dec 2023



6.6 Daily temperature gradient (DTG) and model natural gas consumption in the Czech Republic

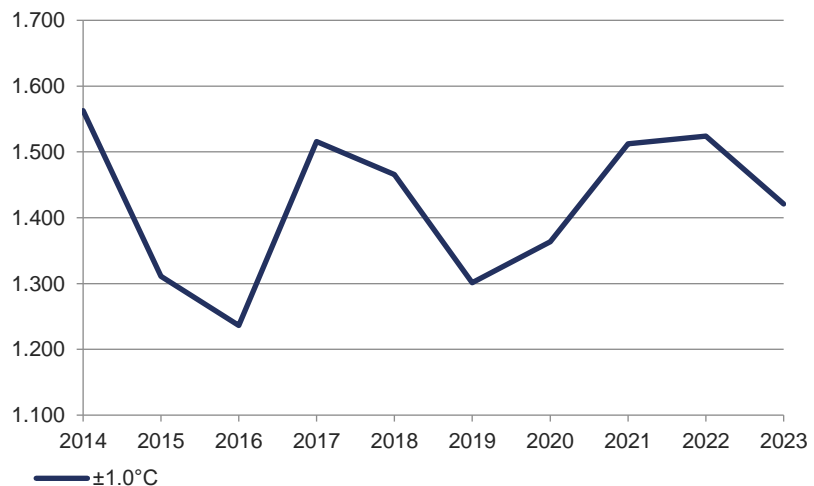
2023	Current DTG		Long-term DTG		Daily model consumption			
	±1.0°C		±1.0°C		at 0°C		at -12°C	
	million m ³	GWh	million m ³	GWh	million m ³	GWh	million m ³	GWh
January	1.421	15.480	1.196	13.024	33.011	359.605	50.064	545.366
February	1.153	12.516	1.143	12.409	33.627	364.933	47.467	515.131
March	1.004	10.882	1.039	11.269	30.775	333.651	42.821	464.239
April	1.102	12.025	1.100	11.997	28.563	311.572	41.791	455.866
May	0.647	7.089	0.731	8.008	X	X	X	X
June	0.019	0.210	0.090	0.991	X	X	X	X
July	0.246	2.696	0.183	2.010	X	X	X	X
August	0.025	0.271	0.134	1.468	X	X	X	X
September	0.046	0.506	0.498	5.473	X	X	X	X
October	0.739	8.107	0.960	10.538	24.390	267.644	33.255	364.929
November	1.336	14.607	1.320	14.430	31.551	344.901	47.586	520.180
December	1.398	15.252	1.184	12.918	32.892	358.752	49.672	541.780

Daily temperature gradient in 2023 (million m³)



Maximum daily temperature gradient in the CR recorded over the last 10 years (million m³)

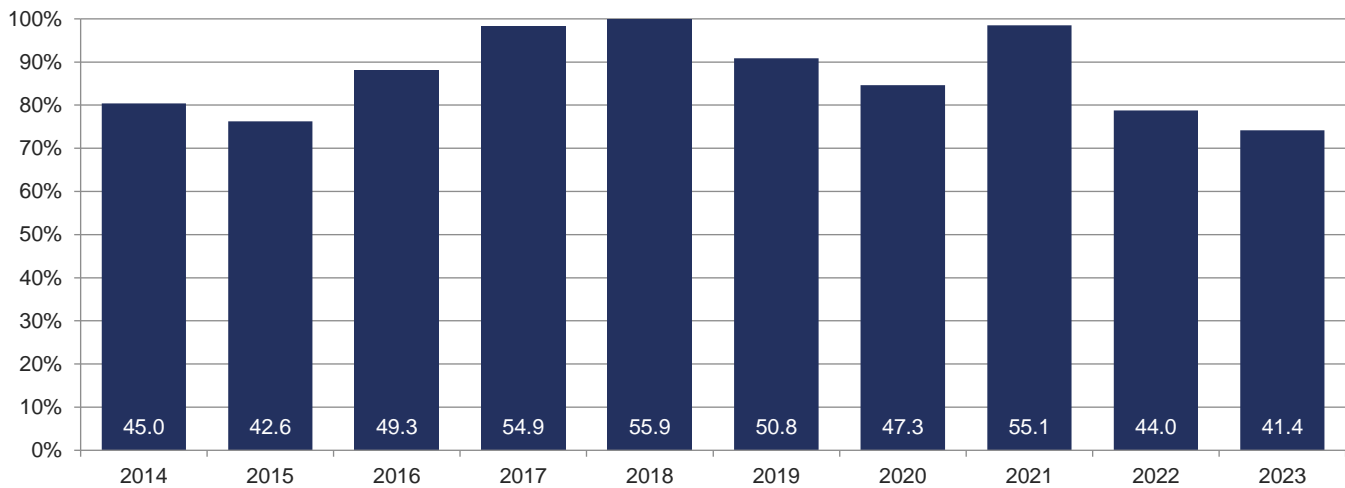
Year	Current DTG ±1.0°C	
	million m ³	GWh
2014	1.563	16.617
2015	1.311	13.940
2016	1.236	13.203
2017	1.516	16.172
2018	1.466	15.629
2019	1.301	13.899
2020	1.364	14.571
2021	1.512	16.148
2022	1.524	16.606
2023	1.421	15.480



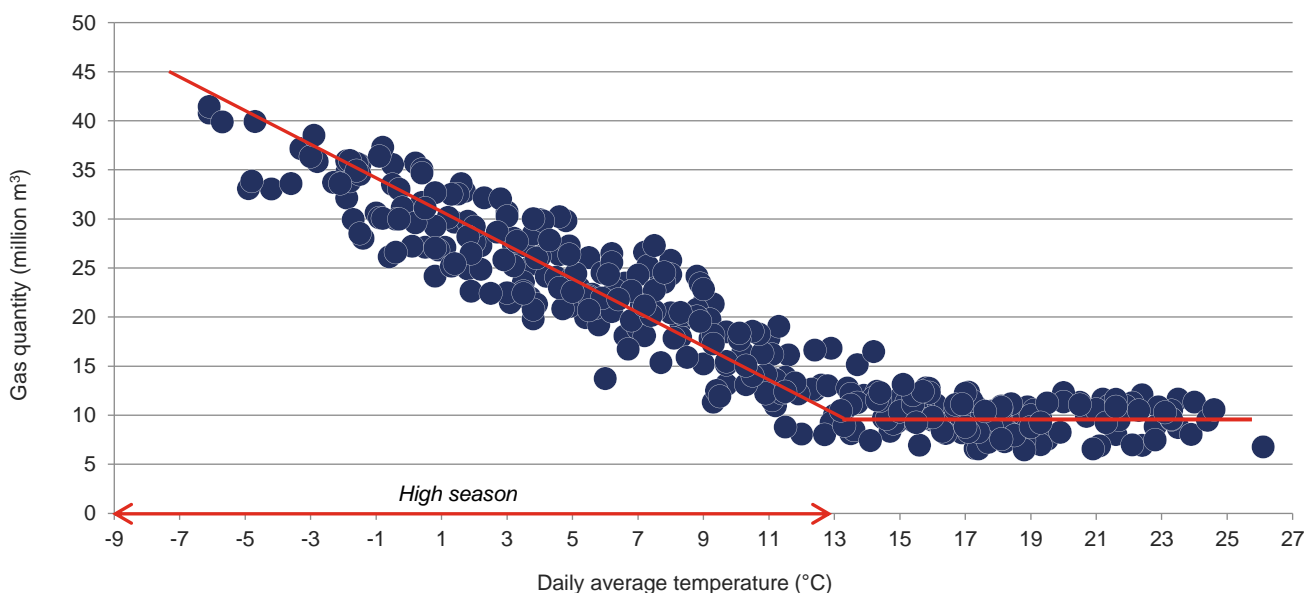
6.7 Daily natural gas consumption in the Czech Republic over the last 10 years

Year	Maximum gas consumption			Minimum gas consumption			Ratio of max and min gas consumption	Average gas consumption		
	million m ³	GWh	at temperature (°C)	million m ³	GWh	at temperature (°C)		million m ³	GWh	at temperature (°C)
2014	45.0	478.9	-4.1	7.1	75.7	21.0	6.3 :1	19.9	212.1	9.7
2015	42.6	453.1	-3.4	6.9	74.1	27.4	6.2 :1	20.8	222.1	9.8
2016	49.3	525.6	-8.8	7.1	76.6	21.0	6.9 :1	22.6	241.1	9.0
2017	54.9	585.9	-11.5	7.2	77.0	22.7	7.6 :1	23.4	249.3	8.8
2018	55.9	596.2	-11.8	7.3	77.6	24.7	7.7 :1	22.4	239.2	9.9
2019	50.8	543.1	-6.9	8.1	86.5	22.4	6.3 :1	23.5	250.4	9.8
2020	47.3	505.6	-3.1	8.7	93.1	21.3	5.4 :1	23.8	253.8	9.3
2021	55.1	588.4	-8.6	9.2	98.2	19.8	6.0 :1	25.8	276.0	8.3
2022	44.0	470.5	-3.8	7.1	77.1	22.0	6.2 :1	20.7	223.4	9.4
2023	41.4	450.0	-6.1	6.5	71.0	18.8	6.4 :1	18.5	202.0	9.9

Maximum daily gas consumption values as percentages of the highest daily consumption (in 2018) over the last 10 years (million m³)



Daily relations between consumption and temperature in the 2023 heating season



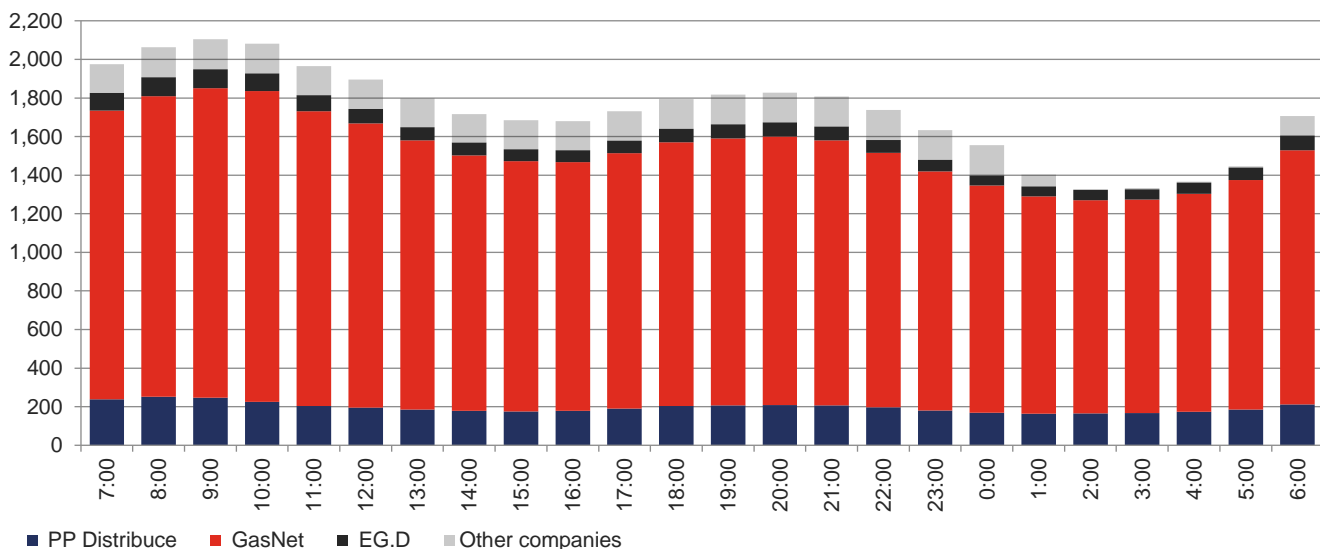
7 REFERENCE HOURLY READING

7.1 Reference hourly reading broken down by distribution system in the CR

KHO - 7 February 2023

Hour	thousands m ³ /h					MWh/h					°C Temperature in the CR
	PP Distribuce	GasNet	EG.D	Other companies	Total	PP Distribuce	GasNet	EG.D	Other companies	Total	
7:00	238.4	1,496.9	91.0	149.3	1,975.6	2,607.7	16,136.9	961.5	1,642.3	21,348.5	-9.8
8:00	251.2	1,557.5	97.8	156.3	2,062.8	2,749.0	16,761.7	1,035.5	1,717.9	22,264.1	-9.5
9:00	245.8	1,604.4	98.0	156.1	2,104.4	2,693.4	17,263.2	1,036.0	1,716.5	22,709.0	-9.1
10:00	224.3	1,610.9	91.6	155.2	2,082.0	2,459.8	17,392.2	975.2	1,705.3	22,532.4	-8.6
11:00	203.9	1,528.2	81.7	151.2	1,964.9	2,236.4	16,526.1	877.3	1,661.8	21,301.6	-7.9
12:00	194.9	1,472.8	75.3	152.6	1,895.6	2,132.3	15,953.6	813.0	1,676.0	20,575.0	-6.5
13:00	185.9	1,393.8	68.8	148.5	1,797.1	2,030.5	15,130.0	748.6	1,631.3	19,540.4	-5.4
14:00	178.7	1,323.4	65.9	148.4	1,716.3	1,943.6	14,392.2	721.3	1,629.0	18,686.0	-4.2
15:00	175.0	1,297.1	62.5	149.9	1,684.5	1,902.0	14,111.9	686.6	1,646.0	18,346.5	-3.8
16:00	177.8	1,289.9	61.4	150.7	1,679.7	1,930.0	14,032.1	676.5	1,655.9	18,294.5	-3.9
17:00	190.5	1,322.8	65.2	153.1	1,731.5	2,066.3	14,374.0	708.8	1,682.6	18,831.6	-4.1
18:00	203.9	1,365.9	70.8	153.2	1,793.9	2,211.5	14,823.7	764.0	1,683.6	19,482.9	-4.0
19:00	206.0	1,384.6	73.1	154.0	1,817.6	2,233.8	15,018.2	787.2	1,692.1	19,731.3	-4.8
20:00	209.0	1,391.0	73.2	154.4	1,827.6	2,267.2	15,079.9	786.1	1,695.6	19,828.9	-5.1
21:00	206.1	1,374.2	71.8	154.7	1,806.8	2,236.1	14,898.2	779.6	1,696.2	19,610.0	-5.4
22:00	197.0	1,317.9	67.9	155.2	1,737.9	2,137.4	14,270.4	742.8	1,700.4	18,851.0	-5.6
23:00	179.6	1,240.4	59.2	155.0	1,634.1	1,948.5	13,457.7	657.0	1,696.9	17,760.0	-5.9
0:00	169.2	1,177.3	51.6	157.0	1,555.1	1,836.1	12,797.9	577.3	1,718.7	16,930.0	-6.2
1:00	163.6	1,126.5	50.9	62.2	1,403.1	1,776.2	12,269.5	573.3	680.1	15,299.0	-6.5
2:00	164.6	1,106.1	52.6	5.0	1,328.3	1,788.0	12,052.1	588.6	54.4	14,483.1	-6.6
3:00	166.9	1,106.1	54.3	5.2	1,332.5	1,815.7	12,045.4	604.2	56.5	14,521.8	-6.4
4:00	174.0	1,129.6	57.1	5.2	1,365.9	1,898.4	12,291.4	632.7	56.2	14,878.7	-6.0
5:00	184.5	1,190.7	63.9	6.2	1,445.4	2,014.1	12,925.4	699.6	67.7	15,706.8	-5.7
6:00	212.2	1,316.0	77.8	101.1	1,707.0	2,320.3	14,231.7	835.0	1,105.3	18,492.2	-5.4
Total	4,702.9	32,124.0	1,683.2	2,939.5	41,449.8	51,234.1	348,235.3	18,267.9	32,268.3	450,005.6	-6.1
Max	251.2	1,610.9	98.0	157.0	2,104.4	2,749.0	17,392.2	1,036.0	1,718.7	22,709.0	-3.8
Min	163.6	1,106.1	50.9	5.0	1,328.3	1,776.2	12,045.4	573.3	54.4	14,483.1	-9.8

Hourly gas consumption in the CR (thousands m³/h)



7.2 Balance in the Czech gas system on the KHO day

KHO - 7 February 2023

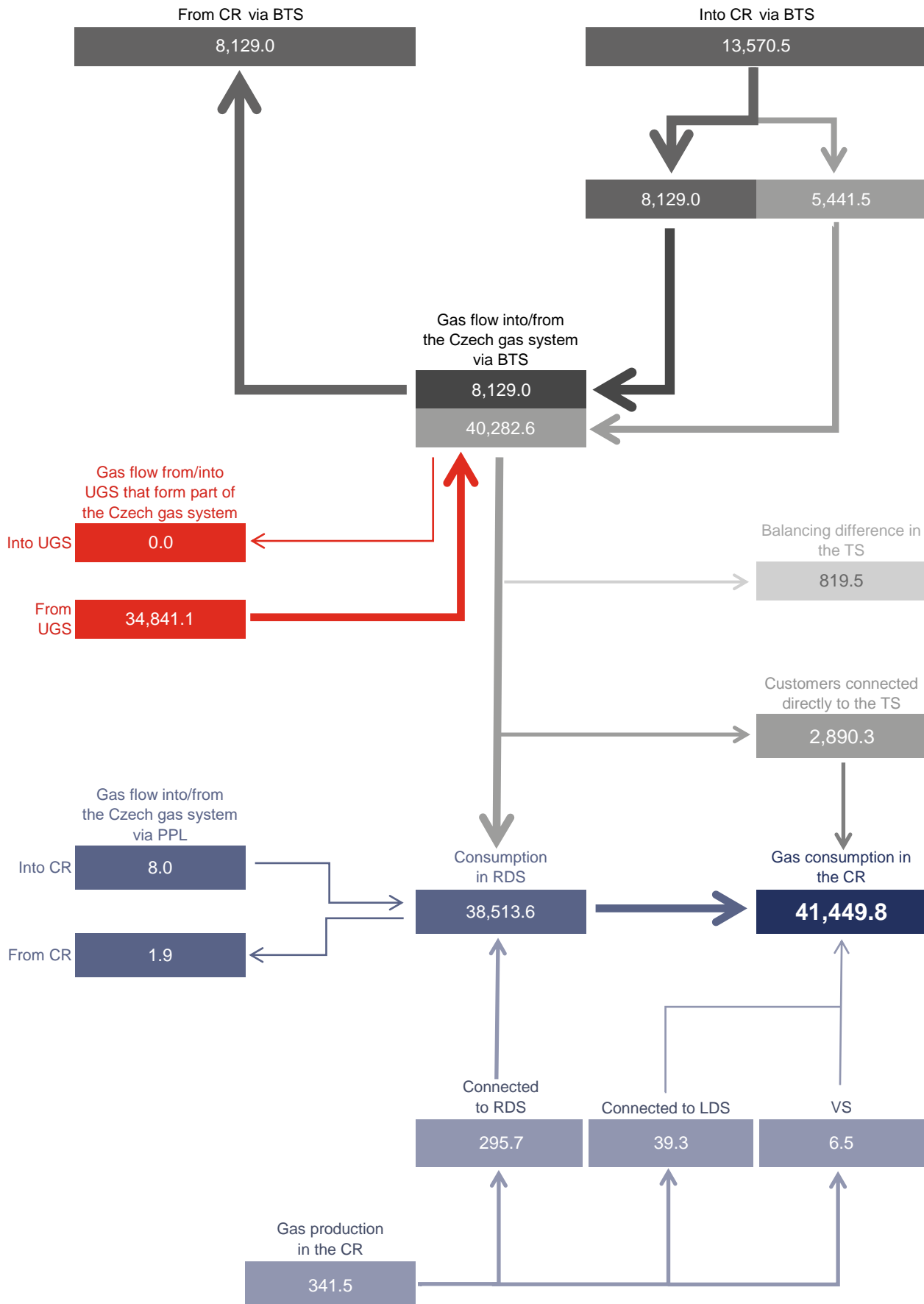
			th m ³ /yr	MWh/yr	Aggregate gas quantity in thousands m ³ /day
Gas flow into/from the Czech gas system	Into CR	Via BTS	13,570.5	148,295.5	
		Via PPL	8.0	92.7	
		Total	13,578.5	148,388.2	
	From CR	Via BTS	8,129.0	89,839.7	
		Via PPL	1.9	20.3	
		Total	8,130.8	89,860.0	
Net balance into/from CR	Via BTS	5,441.5	58,455.8		
	Via PPL	6.2	72.4		
	Total	5,447.7	58,528.2		
Gas flow from/into UGS that form part of the Czech gas system	From UGS	GS CZ	26,431.7	283,653.9	
		MND ES	5,044.2	54,667.5	
		Moravia GS	3,365.2	36,470.7	
		Total	34,841.1	374,792.1	
	Into UGS	GS CZ	0.0	0.0	
		MND ES	0.0	0.0	
		Moravia GS	0.0	0.0	
		Total	0.0	0.0	
	Net balance from/into UGS	GS CZ	26,431.7	283,653.9	
		MND ES	5,044.2	54,667.5	
Moravia GS		3,365.2	36,470.7		
Total		34,841.1	374,792.1		
Total stores in UGS			1,911,041.8	20,689,778.2	
Gas production in the CR	Connected to RDS	From VP to DS	295.7	3,227.9	
		VS	6.5	75.1	
		Total	302.2	3,303.0	
	Connected to LDS	From VP to DS	39.3	411.5	
		VS	0.0	0.0	
		Total	39.3	411.5	
	Total	From VP to DS	335.0	3,639.4	
	VS	6.5	75.1		
	Total	341.5	3,714.6		
Gas consumption in the CR	Consumption in RDS	Customers	37,743.4	409,418.7	
		OG	770.3	8,355.5	
		Total	38,513.6	417,774.2	
	Consumption in LDS not included in RDS	Customers	39.3	411.5	
		OG	0.0	0.0	
		Total	39.3	411.5	
	Gas production (VS)		6.5	75.1	
	Customers connected directly to the TS		2,890.3	31,744.8	
	Total CR	Customers	40,673.0	441,575.0	
		OG+VS+PKS	776.8	8,430.6	
Total		41,449.8	450,005.6		
Balancing difference in the TS			819.5	12,970.8	

Note: Hourly gas flows into/from the gas system are not available and are shown as an average value here.

7.3 Balance in the Czech gas system on the KHO day - diagram

Daily balance (thousands m³)

KHO - 7 February 2023

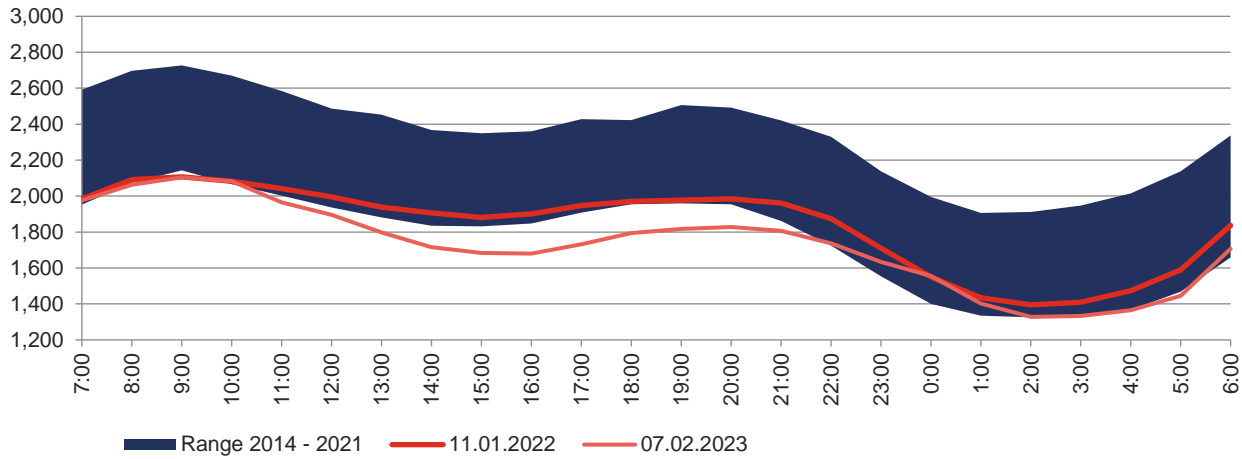


7.4 Reference hourly reading in the CR over the last 10 years

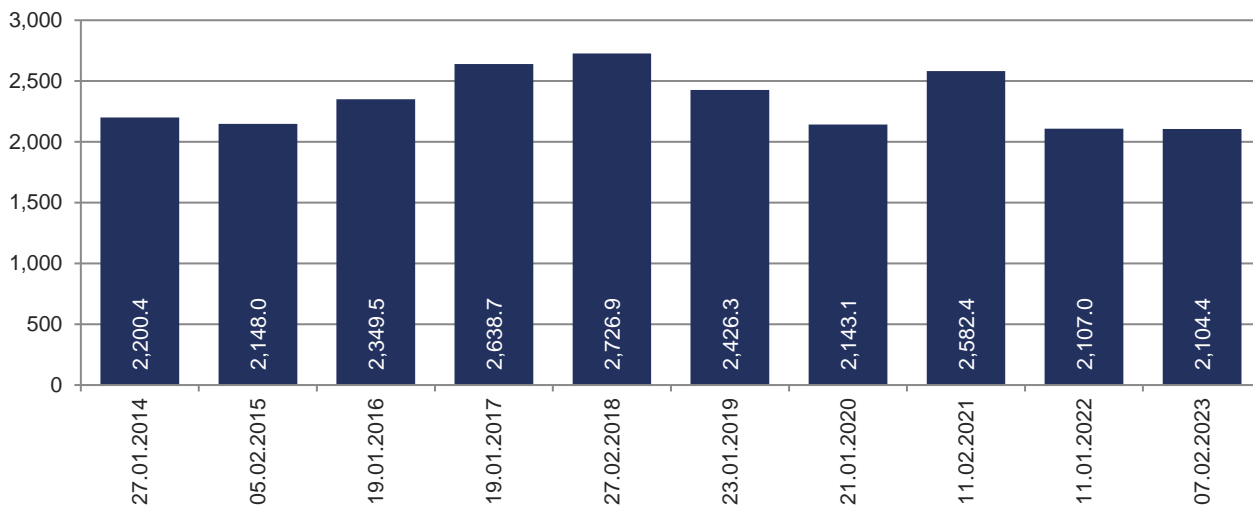
Hour\Date		27.01.2014	05.02.2015	19.01.2016	19.01.2017	27.02.2018	23.01.2019	21.01.2020	11.02.2021	11.01.2022	07.02.2023
th m ³	7:00	2,118.8	1,953.3	2,201.3	2,452.6	2,591.4	2,345.9	2,017.4	2,455.6	1,984.2	1,975.6
	8:00	2,195.0	2,074.6	2,334.7	2,544.6	2,696.6	2,412.6	2,143.1	2,543.5	2,091.8	2,062.8
	9:00	2,194.4	2,148.0	2,346.5	2,587.6	2,726.9	2,426.3	2,142.9	2,582.4	2,107.0	2,104.4
	10:00	2,200.4	2,138.5	2,349.5	2,638.7	2,670.3	2,425.5	2,066.2	2,577.5	2,082.6	2,082.0
	11:00	2,155.0	2,052.9	2,311.1	2,536.2	2,583.9	2,377.0	2,002.6	2,509.7	2,041.0	1,964.9
	12:00	2,136.6	1,960.3	2,208.1	2,436.0	2,487.2	2,297.7	1,936.3	2,436.5	1,995.3	1,895.6
	13:00	2,093.8	1,882.1	2,138.2	2,334.8	2,452.1	2,249.8	1,900.0	2,386.5	1,937.7	1,797.1
	14:00	2,045.1	1,835.0	2,084.5	2,274.8	2,368.3	2,215.5	1,866.7	2,356.5	1,907.1	1,716.3
	15:00	2,035.5	1,832.4	2,078.2	2,242.4	2,349.3	2,186.8	1,846.3	2,318.2	1,881.3	1,684.5
	16:00	2,008.2	1,847.7	2,107.6	2,283.8	2,360.7	2,215.7	1,864.6	2,327.0	1,901.2	1,679.7
	17:00	2,023.6	1,909.0	2,152.3	2,353.6	2,427.6	2,244.9	1,920.6	2,358.7	1,947.1	1,731.5
	18:00	2,017.1	1,974.8	2,187.3	2,422.1	2,417.7	2,265.3	1,955.0	2,399.9	1,970.2	1,793.9
	19:00	2,008.4	1,990.0	2,200.0	2,428.2	2,505.7	2,257.1	1,960.6	2,405.5	1,977.6	1,817.6
	20:00	1,983.4	1,990.6	2,211.0	2,437.2	2,491.4	2,248.4	1,954.6	2,405.3	1,984.6	1,827.6
	21:00	1,911.2	1,861.1	2,181.7	2,420.5	2,368.7	2,212.7	1,919.9	2,382.5	1,960.8	1,806.8
	22:00	1,796.8	1,725.1	2,085.1	2,329.8	2,285.6	2,087.2	1,813.8	2,290.2	1,874.7	1,737.9
	23:00	1,641.8	1,553.1	1,915.8	2,138.5	2,112.7	1,880.4	1,666.4	2,109.3	1,710.6	1,634.1
	0:00	1,480.1	1,401.2	1,781.6	1,995.1	1,929.6	1,733.2	1,508.2	1,964.5	1,549.6	1,555.1
	1:00	1,399.4	1,334.7	1,665.4	1,895.9	1,884.3	1,640.9	1,443.8	1,907.1	1,435.4	1,403.1
	2:00	1,383.1	1,325.8	1,652.9	1,886.4	1,890.8	1,650.8	1,436.2	1,912.6	1,395.2	1,328.3
	3:00	1,393.8	1,342.4	1,661.0	1,901.8	1,923.2	1,686.9	1,452.7	1,947.6	1,410.1	1,332.5
	4:00	1,432.1	1,366.5	1,684.3	1,955.7	1,976.5	1,755.2	1,498.5	2,014.2	1,473.2	1,365.9
	5:00	1,527.9	1,467.8	1,773.5	2,078.2	2,084.5	1,872.5	1,615.4	2,137.8	1,589.8	1,445.4
	6:00	1,777.5	1,659.7	1,977.3	2,311.6	2,313.5	2,115.3	1,850.9	2,336.8	1,837.1	1,707.0
	Total	44,959.1	42,626.6	49,288.9	54,886.1	55,898.6	50,803.5	43,782.7	55,065.4	44,045.3	41,449.8
Max		2,200.4	2,148.0	2,349.5	2,638.7	2,726.9	2,426.3	2,143.1	2,582.4	2,107.0	2,104.4
Min		1,383.1	1,325.8	1,652.9	1,886.4	1,884.3	1,640.9	1,436.2	1,907.1	1,395.2	1,328.3
MWh	7:00	22,573.2	20,767.6	23,478.1	26,184.6	27,640.5	25,079.6	21,504.1	26,235.1	21,196.0	21,348.5
	8:00	23,385.2	22,057.3	24,900.1	27,166.9	28,761.3	25,802.6	22,977.2	27,172.3	22,344.5	22,264.1
	9:00	23,377.5	22,837.5	25,026.0	27,626.8	29,083.7	25,942.8	22,666.4	27,597.0	22,505.3	22,709.0
	10:00	23,441.0	22,736.1	25,059.0	28,171.3	28,479.9	25,929.4	22,009.7	27,542.9	22,244.7	22,532.4
	11:00	22,956.7	21,825.5	24,648.8	27,076.2	27,558.7	25,412.3	21,322.5	26,819.0	21,799.7	21,301.6
	12:00	22,761.8	20,840.4	23,548.0	26,005.2	26,527.1	24,565.0	20,619.0	26,035.8	21,311.4	20,575.0
	13:00	22,305.7	20,008.8	22,802.6	24,925.7	26,153.8	24,048.6	20,228.2	25,499.9	20,695.9	19,540.4
	14:00	21,786.4	19,508.3	22,229.8	24,284.3	25,259.7	23,680.2	19,880.6	25,178.9	20,368.9	18,686.0
	15:00	21,685.5	19,480.3	22,162.2	23,938.9	25,055.6	23,374.0	19,669.0	24,768.5	20,097.2	18,346.5
	16:00	21,393.7	19,643.1	22,476.4	24,380.7	25,178.5	23,684.1	19,861.0	24,864.3	20,310.0	18,294.5
	17:00	21,557.4	20,295.1	22,952.2	25,126.3	25,891.6	23,999.1	20,455.0	25,201.6	20,804.2	18,831.6
	18:00	21,486.8	20,994.8	23,325.6	25,857.6	25,787.8	24,223.0	20,818.6	25,641.9	21,051.6	19,482.9
	19:00	21,393.0	21,155.6	23,461.6	25,922.1	26,724.9	24,137.1	20,884.8	25,702.0	21,130.3	19,731.3
	20:00	21,127.3	21,162.5	23,578.1	26,018.3	26,573.2	24,041.8	20,823.0	25,698.5	21,205.6	19,828.9
	21:00	20,355.9	19,788.0	23,266.2	25,840.6	25,266.5	23,658.9	20,465.1	25,458.4	20,951.1	19,610.0
	22:00	19,136.0	18,342.0	22,235.2	24,870.6	24,381.4	22,309.6	19,344.7	24,472.5	20,031.2	18,851.0
	23:00	17,484.4	16,513.9	20,428.8	22,827.1	22,536.3	20,102.9	17,786.0	22,538.8	18,276.7	17,760.0
	0:00	15,758.3	14,897.6	18,997.3	21,297.6	20,581.6	18,521.5	16,119.1	20,991.2	16,555.4	16,930.0
	1:00	14,898.0	14,191.0	17,758.6	20,238.5	20,097.8	17,544.7	15,443.9	20,377.6	15,335.6	15,299.0
	2:00	14,723.8	14,096.1	17,624.7	20,136.7	20,167.3	17,648.6	15,375.2	20,436.6	14,905.8	14,483.1
	3:00	14,837.2	14,271.7	17,711.4	20,301.7	20,513.6	18,022.4	15,560.2	20,810.9	15,065.0	14,521.8
	4:00	15,246.8	14,528.0	17,960.6	20,877.2	21,082.9	18,763.2	16,048.7	21,521.2	15,738.8	14,878.7
	5:00	16,267.4	15,606.0	18,912.4	22,185.3	22,234.4	20,009.9	17,283.4	22,842.2	16,985.1	15,706.8
	6:00	18,933.3	17,594.7	21,094.3	24,678.2	24,680.2	22,608.4	19,761.8	24,969.7	19,628.0	18,492.2
	Total	478,872.5	453,141.8	525,637.9	585,938.2	596,218.4	543,109.6	466,907.1	588,376.8	470,537.9	450,005.6
Max		23,441.0	22,837.5	25,059.0	28,171.3	29,083.7	25,942.8	22,977.2	27,597.0	22,505.3	22,709.0
Min		14,723.8	14,096.1	17,624.7	20,136.7	20,097.8	17,544.7	15,375.2	20,377.6	14,905.8	14,483.1

7.5 Reference hourly reading in the CR over the last 10 years - charts

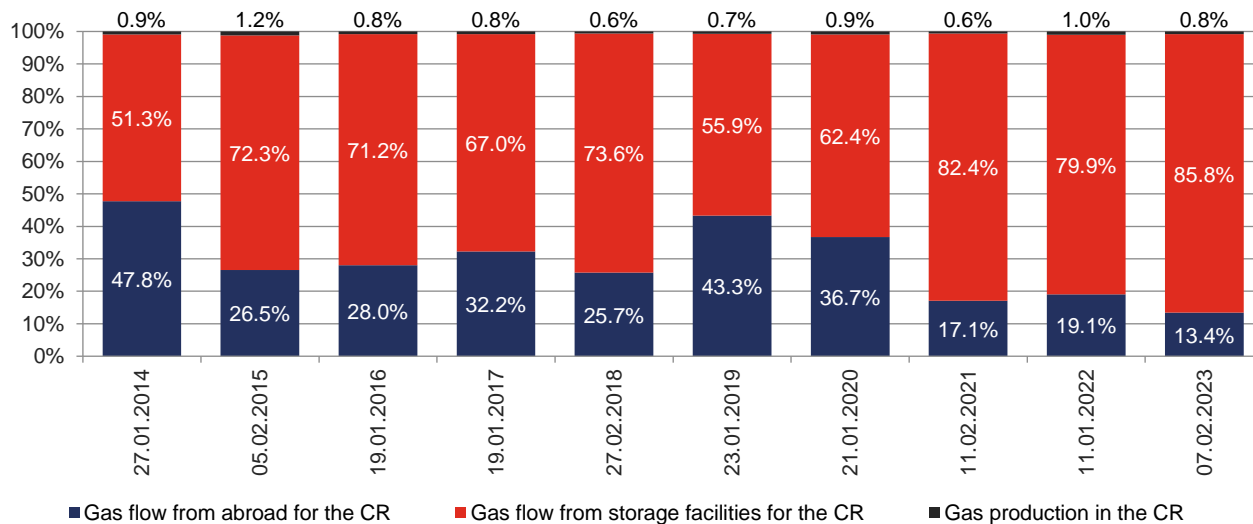
Hourly consumption on the KHO day (thousands m³/h)



Maximum hourly consumption on the KHO day (thousands m³/h)



Percentage shares of gas sources covering the total KHO day

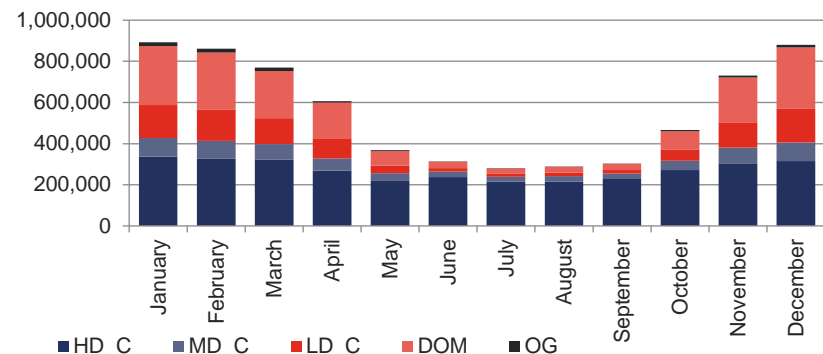


8 NATURAL GAS CONSUMPTION BY CUSTOMER CATEGORY AND BY WAY OF USE

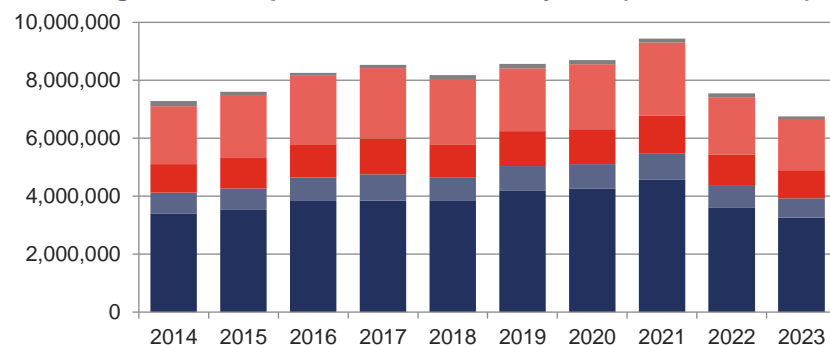
8.1 Natural gas consumption in the Czech Republic in 2023 and over the last 10 years

Period	Number of customers at the end of the period	Total natural gas consumption				Average air temperature °C	Year-on-year change in total consumption
		Total consumption		Average consumption per customer			
		th m ³	MWh	th m ³	MWh		
January	2,777,998	891,780	9,714,563	0.321	3.497	2.2	-21.4%
February	2,775,460	860,767	9,341,389	0.310	3.366	1.4	-3.3%
March	2,772,544	769,268	8,340,019	0.277	3.008	4.9	-16.6%
April	2,769,789	606,436	6,615,174	0.219	2.388	6.7	-9.7%
May	2,766,674	368,854	4,038,372	0.133	1.460	12.8	-5.2%
June	2,763,172	313,953	3,439,014	0.114	1.245	17.5	-6.7%
July	2,761,139	281,168	3,081,776	0.102	1.116	19.9	-2.6%
August	2,758,842	287,622	3,154,967	0.104	1.144	18.8	-7.5%
September	2,756,505	302,269	3,320,346	0.110	1.205	16.7	-21.2%
October	2,754,985	465,541	5,108,649	0.169	1.854	11.3	-8.3%
November	2,753,495	731,114	7,992,116	0.266	2.903	4.3	-1.6%
December	2,752,442	879,802	9,596,061	0.320	3.486	2.2	-8.9%
1Q	2,772,544	2,521,815	27,395,972	0.910	9.881	2.8	-14.4%
2Q	2,763,172	1,289,243	14,092,560	0.467	5.100	12.3	-7.7%
3Q	2,756,505	871,058	9,557,089	0.316	3.467	18.5	-11.4%
4Q	2,752,442	2,076,458	22,696,826	0.754	8.246	5.9	-6.3%
1H	2,763,172	3,811,058	41,488,532	1.379	15.015	7.6	-12.3%
2H	2,752,442	2,947,516	32,253,916	1.071	11.718	12.2	-7.9%
Year	2,752,442	6,758,574	73,742,448	2.455	26.792	9.9	-10.4%
2014	2,849,162	7,280,420	77,409,120	2.555	27.169	9.7	-12.0%
2015	2,844,334	7,607,565	81,067,901	2.675	28.502	9.8	4.5%
2016	2,840,473	8,255,134	88,243,167	2.906	31.066	9.0	8.5%
2017	2,844,257	8,527,483	90,996,222	2.998	31.993	8.8	3.3%
2018	2,840,619	8,182,756	87,306,411	2.881	30.735	9.9	-4.0%
2019	2,834,509	8,564,629	91,397,634	3.022	32.245	9.8	4.7%
2020	2,829,132	8,694,219	92,894,431	3.073	32.835	9.3	1.5%
2021	2,820,013	9,433,734	100,737,477	3.345	35.722	8.3	8.5%
2022	2,781,284	7,543,762	81,546,698	2.712	29.320	9.4	-20.0%
2023	2,752,442	6,758,574	73,742,448	2.455	26.792	9.9	-10.4%

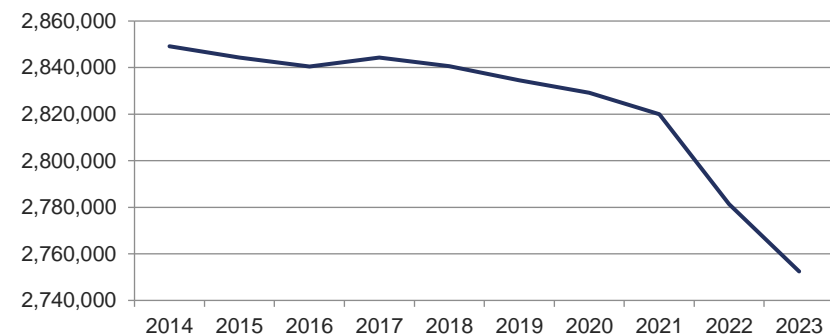
Natural gas consumption in the year under review (thousands m³)



Natural gas consumption over the last 10 years (thousands m³)



Number of customers over the last 10 years



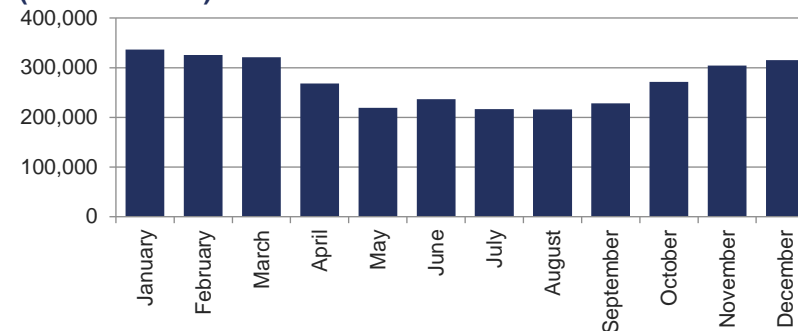
Note: The increase in the number of customers in 2017 was caused by adding customers in LDS, the monitoring of which started on 1 January 2017. In the whole chapter 8, the data on supply to CNG stations are included in each of the demand categories.

8.2 Natural gas consumption in the HD_C category in 2023 and over the last 10 years

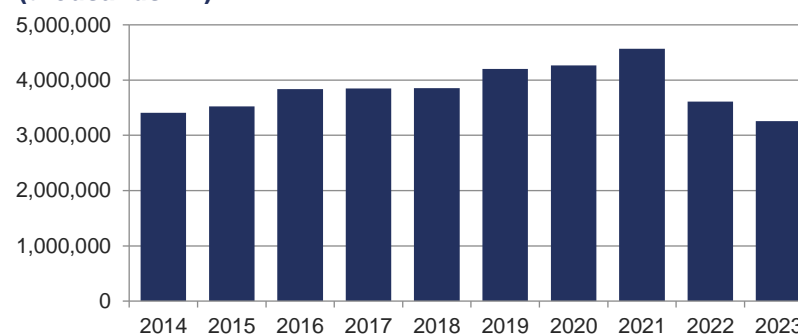
Period	Number of Natural gas consumption customers at the end of the period	Natural gas consumption				The category's share of total consumption in the CR	Year-on-year change in total consumption
		Total consumption		Average consumption per customer			
		th m ³	MWh	th m ³	MWh		
January	1,612	336,688	3,668,368	209	2,276	37.8%	-20.3%
February	1,622	325,604	3,535,593	201	2,180	37.8%	-3.5%
March	1,613	320,969	3,480,514	199	2,158	41.7%	-16.5%
April	1,613	267,845	2,921,552	166	1,811	44.2%	-6.7%
May	1,612	219,057	2,398,320	136	1,488	59.4%	-16.9%
June	1,615	236,739	2,593,271	147	1,606	75.4%	-7.5%
July	1,613	216,321	2,371,201	134	1,470	76.9%	-0.1%
August	1,612	215,738	2,366,433	134	1,468	75.0%	-9.6%
September	1,612	228,221	2,507,068	142	1,555	75.5%	-7.4%
October	1,613	271,598	2,980,456	168	1,848	58.3%	-2.5%
November	1,613	304,056	3,323,630	189	2,061	41.6%	-6.2%
December	1,613	315,201	3,436,893	195	2,131	35.8%	-11.3%
1Q	1,613	983,261	10,684,475	610	6,624	39.0%	-14.1%
2Q	1,615	723,641	7,913,144	448	4,900	56.1%	-10.3%
3Q	1,612	660,280	7,244,701	410	4,494	75.8%	-5.9%
4Q	1,613	890,855	9,740,980	552	6,039	42.9%	-7.0%
1H	1,615	1,706,902	18,597,618	1,057	11,516	44.8%	-12.5%
2H	1,613	1,551,134	16,985,681	962	10,530	52.6%	-6.6%
Year	1,613	3,258,037	35,583,300	2,020	22,060	48.2%	-9.8%
2014	1,599	3,410,397	36,263,816	2,133	22,679	44.8%	-6.0%
2015	1,606	3,522,762	37,559,635	2,194	23,387	42.7%	3.3%
2016	1,618	3,836,358	41,022,705	2,371	25,354	45.0%	8.9%
2017	1,703	3,847,746	41,058,748	2,259	24,110	45.1%	0.3%
2018	1,692	3,854,920	41,132,713	2,278	24,310	45.0%	0.2%
2019	1,690	4,200,741	44,813,140	2,486	26,517	49.0%	9.0%
2020	1,605	4,268,310	45,620,793	2,659	28,424	49.1%	1.6%
2021	1,602	4,565,694	48,749,273	2,850	30,430	48.4%	7.0%
2022	1,638	3,611,239	39,073,065	2,205	23,854	47.9%	-20.9%
2023	1,613	3,258,037	35,583,300	2,020	22,060	48.2%	-9.8%

Note: In the whole chapter 8, the data on supply to CNG stations are included in each of the demand categories.

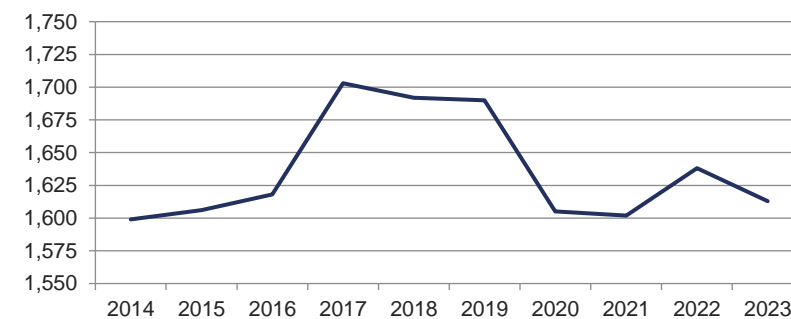
Natural gas supply to CNG stations in the year under review (thousands m³)



Natural gas supply to CNG stations over the last 10 years (thousands m³)



Number of CNG stations over the last 10 years

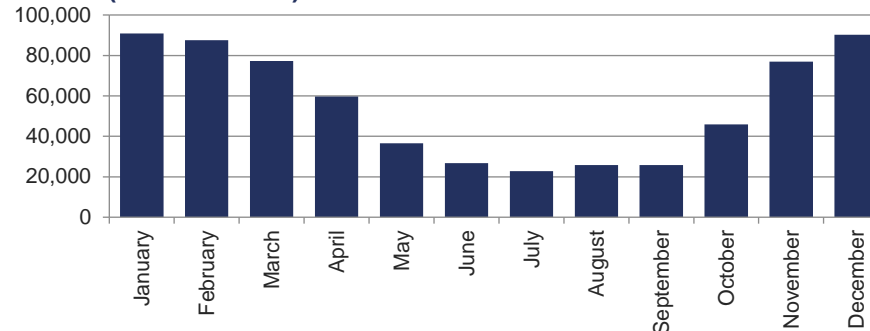


8.3 Natural gas consumption in the MD_C category in 2023 and over the last 10 years

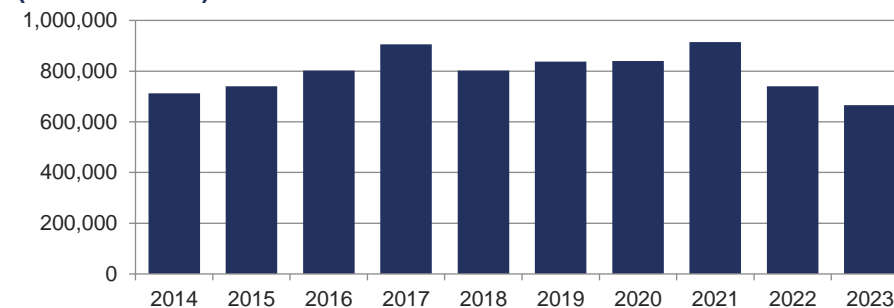
Period	Number of customers at the end of the period	Natural gas consumption				The category's share of total consumption in the CR	Year-on-year change in total consumption
		Total consumption		Average consumption per customer			
		th m ³	MWh	th m ³	MWh		
January	6,442	90,862	989,866	14	154	10.2%	-22.6%
February	6,420	87,504	949,678	14	148	10.2%	-4.9%
March	6,307	77,272	837,907	12	133	10.0%	-16.5%
April	6,307	59,664	651,026	9	103	9.8%	-13.4%
May	6,305	36,559	400,372	6	64	9.9%	4.9%
June	6,300	26,660	292,066	4	46	8.5%	-2.8%
July	6,304	22,705	248,879	4	39	8.1%	-8.5%
August	6,303	25,835	283,416	4	45	9.0%	-3.1%
September	6,298	25,838	283,843	4	45	8.5%	-27.2%
October	6,292	45,832	503,001	7	80	9.8%	-6.2%
November	6,292	76,844	840,151	12	134	10.5%	2.6%
December	6,291	90,159	983,456	14	156	10.2%	-6.1%
1Q	6,307	255,637	2,777,450	41	440	10.1%	-15.3%
2Q	6,300	122,883	1,343,465	20	213	9.5%	-6.3%
3Q	6,298	74,379	816,137	12	130	8.5%	-14.4%
4Q	6,291	212,834	2,326,609	34	370	10.2%	-3.1%
1H	6,300	378,520	4,120,915	60	654	9.9%	-12.6%
2H	6,291	287,213	3,142,746	46	500	9.7%	-6.3%
Year	6,291	665,733	7,263,661	106	1,155	9.9%	-10.0%
2014	6,841	712,957	7,577,965	104	1,108	9.4%	-13.0%
2015	6,814	740,547	7,890,518	109	1,158	9.0%	3.9%
2016	6,823	801,512	8,566,823	117	1,256	9.4%	8.2%
2017	6,817	905,811	9,665,069	133	1,418	10.6%	13.0%
2018	6,817	802,317	8,559,039	118	1,256	9.4%	-11.4%
2019	6,759	837,955	8,942,579	124	1,323	9.8%	4.4%
2020	6,748	840,410	8,977,576	125	1,330	9.7%	0.3%
2021	6,487	913,967	9,759,423	141	1,504	9.7%	8.8%
2022	6,526	739,730	7,995,190	113	1,225	9.8%	-19.1%
2023	6,291	665,733	7,263,661	106	1,155	9.9%	-10.0%

Note: In the whole chapter 8, the data on supply to CNG stations are included in each of the demand categories.

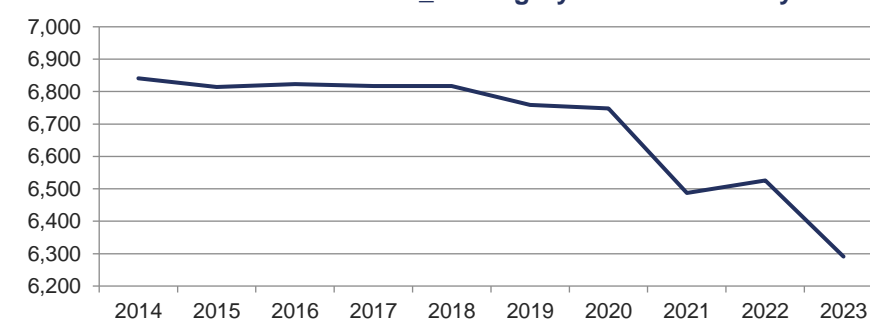
Natural gas consumption in the MD_C category in the year under review (thousands m³)



Natural gas consumption in the MD_C category over the last 10 years (thousands m³)



Number of customers in the MD_C category over the last 10 years

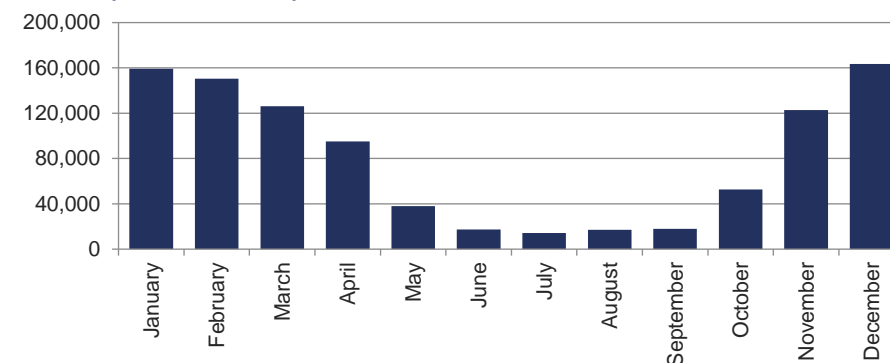


8.4 Natural gas consumption in the LD_C category in 2023 and over the last 10 years

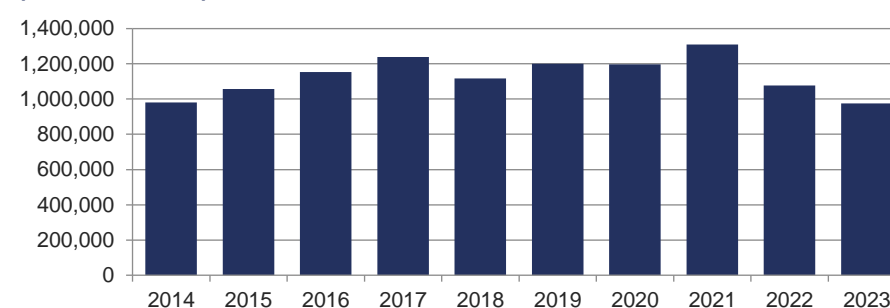
Period	Number of Natural gas consumption customers at the end of the period	Natural gas consumption				The category's share of total consumption in the CR	Year-on-year change in total consumption
		Total consumption		Average consumption per customer			
		th m ³	MWh	th m ³	MWh		
January	203,401	159,333	1,735,255	0.783	8.531	17.9%	-18.0%
February	203,278	150,582	1,633,501	0.741	8.036	17.5%	0.8%
March	203,241	126,219	1,368,068	0.621	6.731	16.4%	-14.9%
April	203,076	95,094	1,037,142	0.468	5.107	15.7%	-10.7%
May	202,964	37,856	414,210	0.187	2.041	10.3%	16.7%
June	202,622	17,449	190,866	0.086	0.942	5.6%	-11.8%
July	202,714	14,156	154,886	0.070	0.764	5.0%	-21.6%
August	202,457	17,120	187,635	0.085	0.927	6.0%	-3.1%
September	202,238	18,034	197,836	0.089	0.978	6.0%	-52.0%
October	202,110	52,711	578,113	0.261	2.860	11.3%	-14.6%
November	202,304	122,818	1,342,298	0.607	6.635	16.8%	3.8%
December	202,383	163,465	1,783,256	0.808	8.811	18.6%	-5.8%
1Q	203,241	436,135	4,736,824	2.146	23.306	17.3%	-11.4%
2Q	202,622	150,400	1,642,217	0.742	8.105	11.7%	-5.2%
3Q	202,238	49,310	540,356	0.244	2.672	5.7%	-32.7%
4Q	202,383	338,994	3,703,667	1.675	18.300	16.3%	-4.1%
1H	202,622	586,534	6,379,041	2.895	31.482	15.4%	-9.9%
2H	202,383	388,304	4,244,024	1.919	20.970	13.2%	-9.0%
Year	202,383	974,838	10,623,065	4.817	52.490	14.4%	-9.5%
2014	197,824	980,634	10,423,644	4.957	52.692	12.9%	-18.6%
2015	199,725	1,057,163	11,257,688	5.293	56.366	12.8%	7.8%
2016	199,995	1,152,682	12,316,758	5.764	61.585	13.5%	9.0%
2017	203,138	1,238,757	13,218,066	6.098	65.069	14.5%	7.5%
2018	205,693	1,117,915	11,925,786	5.435	57.979	13.1%	-9.8%
2019	206,267	1,201,475	12,826,305	5.825	62.183	14.0%	7.5%
2020	206,659	1,197,729	12,792,266	5.796	61.900	13.8%	-0.3%
2021	207,199	1,309,687	13,986,122	6.321	67.501	13.9%	9.3%
2022	203,698	1,077,487	11,638,500	5.290	57.136	14.3%	-17.7%
2023	202,383	974,838	10,623,065	4.817	52.490	14.4%	-9.5%

Note: In the whole chapter 8, the data on supply to CNG stations are included in each of the demand categories.

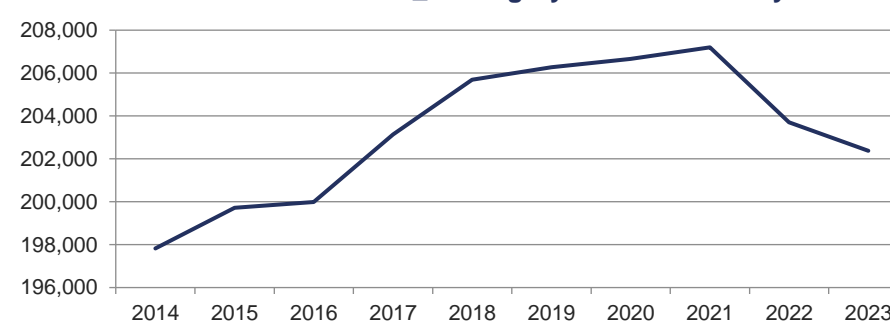
Natural gas consumption in the LD_C category in the year under review (thousands m³)



Natural gas consumption in the LD_C category over the last 10 years (thousands m³)



Number of customers in the LD_C category over the last 10 years

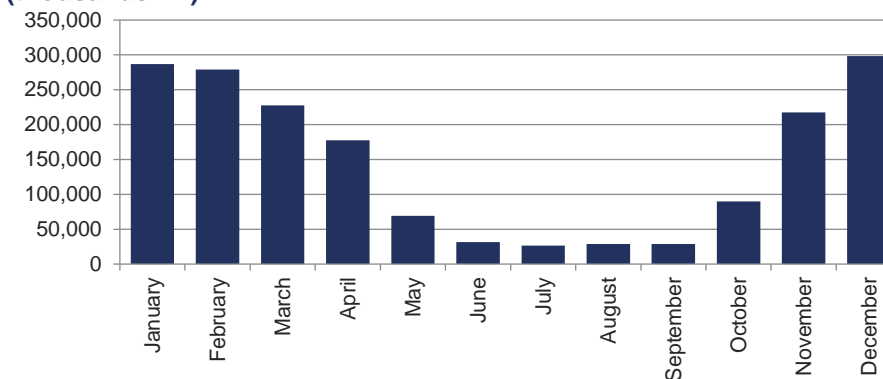


8.5 Natural gas consumption in the DOM category in 2023 and over the last 10 years

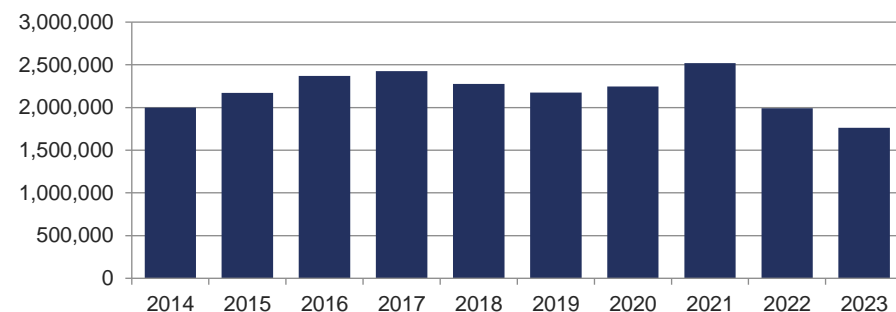
Period	Number of customers at the end of the period	Natural gas consumption				The category's share of total consumption in the CR	Year-on-year change in total consumption
		Total consumption		Average consumption per customer			
		th m ³	MWh	th m ³	MWh		
January	2,566,543	286,743	3,123,245	0.112	1.217	32.2%	-23.8%
February	2,564,140	279,282	3,029,481	0.109	1.181	32.4%	-3.5%
March	2,561,383	227,622	2,467,192	0.089	0.963	29.6%	-18.1%
April	2,558,793	177,653	1,937,937	0.069	0.757	29.3%	-12.2%
May	2,555,793	69,385	759,767	0.027	0.297	18.8%	30.2%
June	2,552,635	31,566	345,798	0.012	0.135	10.1%	0.5%
July	2,550,508	26,535	290,860	0.010	0.114	9.4%	-7.2%
August	2,548,470	28,612	313,873	0.011	0.123	9.9%	4.2%
September	2,546,357	28,923	317,742	0.011	0.125	9.6%	-52.6%
October	2,544,970	89,853	986,078	0.035	0.387	19.3%	-17.5%
November	2,543,286	217,554	2,378,353	0.086	0.935	29.8%	3.0%
December	2,542,155	298,206	3,253,121	0.117	1.280	33.9%	-8.0%
1Q	2,561,383	793,646	8,619,918	0.310	3.365	31.5%	-15.9%
2Q	2,552,635	278,604	3,043,501	0.109	1.192	21.6%	-2.9%
3Q	2,546,357	84,069	922,476	0.033	0.362	9.7%	-28.2%
4Q	2,542,155	605,613	6,617,552	0.238	2.603	29.2%	-6.0%
1H	2,552,635	1,072,250	11,663,419	0.420	4.569	28.1%	-12.9%
2H	2,542,155	689,682	7,540,027	0.271	2.966	23.4%	-9.4%
Year	2,542,155	1,761,932	19,203,446	0.693	7.554	26.1%	-11.6%
2014	2,642,898	1,999,120	21,252,656	0.756	8.041	26.3%	-19.2%
2015	2,636,189	2,171,136	23,123,104	0.824	8.771	26.3%	8.6%
2016	2,632,037	2,368,461	25,309,234	0.900	9.616	27.8%	9.1%
2017	2,632,599	2,427,269	25,902,115	0.922	9.839	28.5%	2.5%
2018	2,626,417	2,275,642	24,278,826	0.866	9.244	26.6%	-6.2%
2019	2,619,793	2,173,235	23,200,395	0.830	8.856	25.4%	-4.5%
2020	2,614,120	2,245,542	23,983,569	0.859	9.175	25.8%	3.3%
2021	2,604,725	2,518,716	26,898,782	0.967	10.327	26.7%	12.2%
2022	2,569,422	1,992,315	21,510,428	0.775	8.372	26.4%	-20.9%
2023	2,542,155	1,761,932	19,203,446	0.693	7.554	26.1%	-11.6%

Note: In the whole chapter 8, the data on supply to CNG stations are included in each of the demand categories.

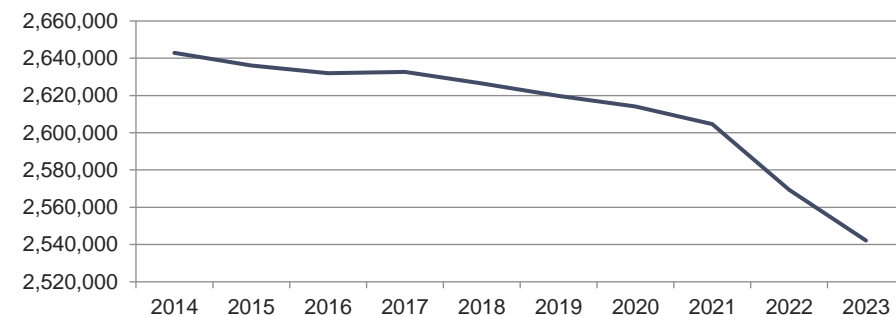
Gas consumption in the DOM category in the year under review (thousands m³)



Natural gas consumption in the DOM category over the last 10 years (thousands m³)



Number of customers in the DOM category over the last 10 years

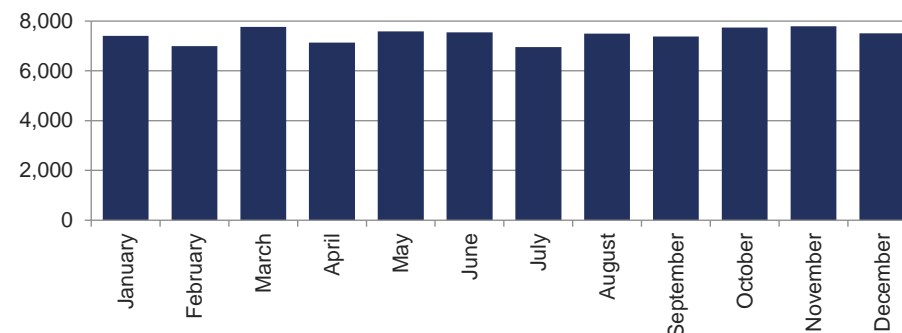


8.6 Natural gas supply to CNG stations in the Czech Republic in 2023 and over the last 10 years

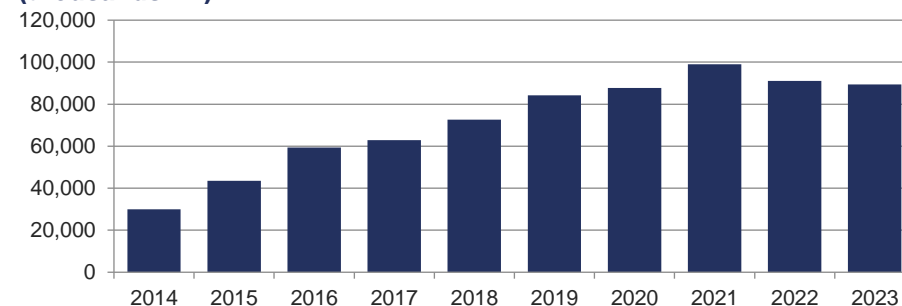
Period	Number of CNG stations	Supply to CNG stations				CNG's share of total consumption in the CR	Y/y change in supply to CNG stations
		Total supply		Average supply per CNG station			
		th m ³	MWh	th m ³	MWh		
January	272	7,404	80,647	27.2	296.5	0.8%	-9.6%
February	273	6,998	75,920	25.6	278.1	0.8%	-11.5%
March	273	7,771	84,243	28.5	308.6	1.0%	-8.1%
April	274	7,136	77,845	26.0	284.1	1.2%	-5.3%
May	274	7,585	83,055	27.7	303.1	2.1%	-5.5%
June	274	7,552	82,729	27.6	301.9	2.4%	-5.3%
July	274	6,951	76,185	25.4	278.0	2.5%	-3.3%
August	274	7,499	82,264	27.4	300.2	2.6%	4.4%
September	274	7,375	81,007	26.9	295.6	2.4%	11.4%
October	275	7,747	85,007	28.2	309.1	1.7%	11.9%
November	277	7,792	85,178	28.1	307.5	1.1%	3.4%
December	278	7,514	81,641	27.0	293.7	0.9%	-0.5%
1Q	273	22,174	240,810	81.2	882.1	0.9%	-9.7%
2Q	274	22,273	243,630	81.3	889.2	1.7%	-5.4%
3Q	274	21,825	239,456	79.7	873.9	2.5%	4.0%
4Q	278	23,053	251,826	82.9	905.8	1.1%	4.7%
1H	274	44,447	484,439	162.2	1,768.0	1.2%	-7.6%
2H	278	44,878	491,282	161.4	1,767.2	1.5%	4.4%
Year	278	89,325	975,721	321.3	3,509.8	1.3%	-1.9%
2014	75	29,912	318,040	398.8	4,240.5	0.4%	36.3%
2015	108	43,589	464,494	403.6	4,300.9	0.5%	45.7%
2016	143	59,346	634,378	415.0	4,436.2	0.7%	36.1%
2017	196	62,917	671,442	321.0	3,425.7	0.7%	6.0%
2018	222	72,655	775,213	327.3	3,492.0	0.9%	15.5%
2019	238	84,282	908,440	354.1	3,817.0	1.0%	16.0%
2020	255	87,655	936,926	343.7	3,674.2	1.0%	4.0%
2021	270	99,016	1,057,132	366.7	3,915.3	1.0%	13.0%
2022	271	91,093	985,447	336.1	3,636.3	1.2%	-8.0%
2023	278	89,325	975,721	321.3	3,509.8	1.3%	-1.9%

Note: The data for the period from 2014 to 2016 were provided by the Czech Gas Association. In the whole chapter 8, the data on supply to CNG stations are included in each of the demand categories.

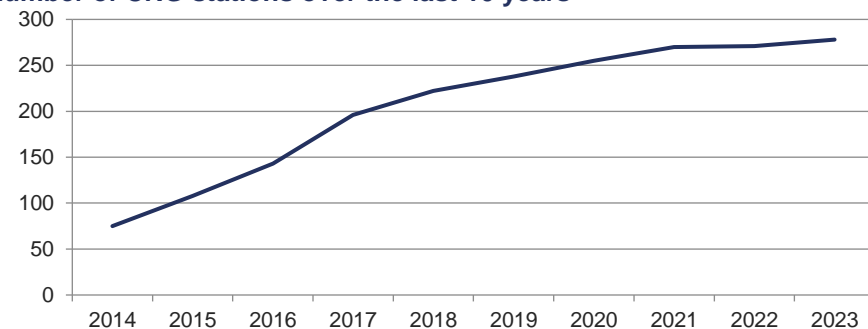
Natural gas supply to CNG stations in the year under review (thousands m³)



Natural gas supply to CNG stations over the last 10 years (thousands m³)



Number of CNG stations over the last 10 years

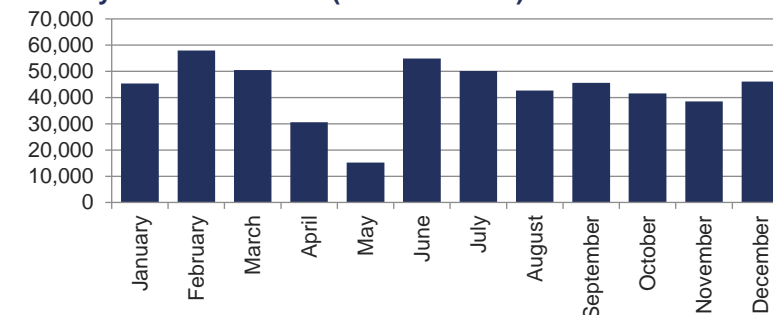


8.7 Natural gas consumption in the CR for electricity generation in 2023 and over the last 10 years

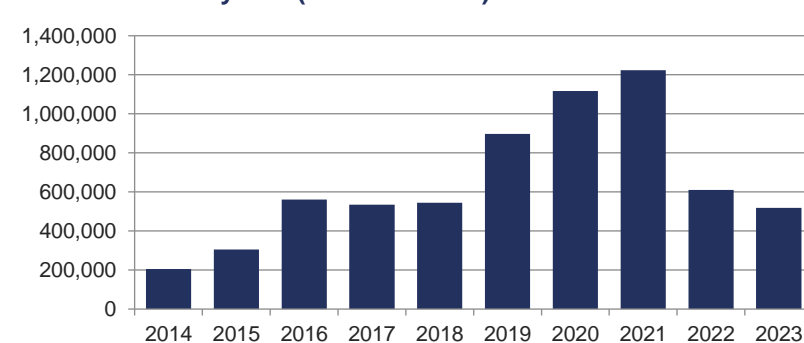
Period	Number of Natural gas consumption in the CR for electricity generation generating plants							Electricity generation's share of total consumption in the CR	Y/y change in consumption for electricity generation
	Other		PPE		Total				
	th m ³	MWh	th m ³	MWh	th m ³	MWh			
January	864	23,410	253,584	21,927	240,295	45,337	493,878	5.1%	-39.2%
February	870	24,629	262,914	33,368	366,491	57,997	629,406	6.7%	38.8%
March	878	23,543	253,081	26,925	294,068	50,468	547,149	6.6%	-29.6%
April	877	19,225	209,395	11,356	124,197	30,581	333,591	5.0%	51.8%
May	877	9,185	100,366	6,027	66,183	15,212	166,549	4.1%	-63.1%
June	874	9,566	104,295	45,357	497,328	54,923	601,623	17.5%	1.5%
July	876	10,747	117,408	39,329	431,456	50,076	548,864	17.8%	60.4%
August	875	11,665	127,916	30,974	339,799	42,639	467,716	14.8%	-20.3%
September	881	12,178	132,974	33,438	368,106	45,616	501,080	15.1%	-0.9%
October	877	16,991	186,400	24,568	269,645	41,559	456,045	8.9%	-21.6%
November	882	24,421	267,158	14,159	154,574	38,580	421,732	5.3%	-27.2%
December	881	26,439	288,032	19,620	214,333	46,059	502,365	5.2%	-34.0%
1Q	878	71,581	769,579	82,221	900,854	153,802	1,670,433	6.1%	-18.2%
2Q	874	37,977	414,056	62,740	687,707	100,717	1,101,763	7.8%	-12.7%
3Q	881	34,590	378,298	103,741	1,139,361	138,331	1,517,659	15.9%	5.8%
4Q	881	67,850	741,590	58,347	638,552	126,197	1,380,142	6.1%	-28.2%
1H	874	109,559	1,183,635	144,960	1,588,561	254,519	2,772,196	6.7%	-16.1%
2H	881	102,440	1,119,889	162,088	1,777,913	264,528	2,897,802	9.0%	-13.7%
Year	881	211,999	2,303,523	307,048	3,366,474	519,047	5,669,998	7.7%	-14.9%
2014	533	171,004	1,818,531	33,533	356,247	204,448	2,173,880	2.7%	-25.5%
2015	597	201,047	2,145,055	104,141	1,108,873	305,150	3,253,519	3.7%	49.3%
2016	625	207,275	2,224,228	336,119	3,586,762	561,179	6,001,740	6.6%	83.9%
2017	681	217,593	2,326,068	316,305	3,370,964	533,903	5,697,088	6.3%	-4.9%
2018	688	217,342	2,323,020	326,419	3,480,481	543,761	5,803,500	6.6%	1.8%
2019	727	222,656	2,385,180	674,257	7,182,499	897,735	9,576,452	10.5%	65.1%
2020	792	242,611	2,596,158	874,188	9,343,480	1,116,800	11,939,638	12.8%	24.4%
2021	846	244,220	2,612,845	979,605	10,454,707	1,223,833	13,067,639	13.0%	9.6%
2022	874	230,592	2,478,302	379,540	4,128,408	610,133	6,606,710	8.1%	-50.1%
2023	881	211,999	2,303,523	307,048	3,366,474	519,047	5,669,998	7.7%	-14.9%

Note: All data on natural gas consumption for electricity generation are included in each of the demand categories. PPE in the Ústecký Region was put in full operation in July 2013 and PPE in the Karlovarský Region used natural gas as its primary fuel from July 2020 to December 2021 and in November 2023.

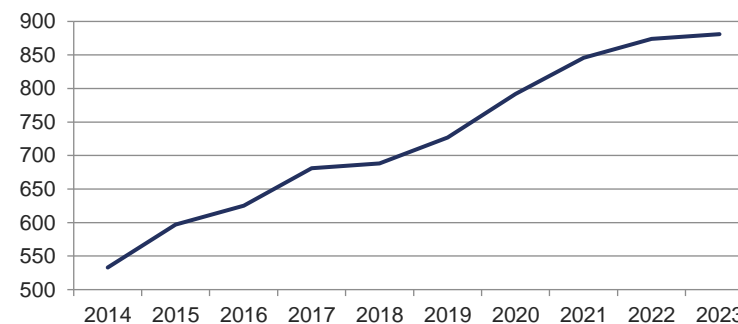
Natural gas consumption for electricity generation in the year under review (thousands m³)



Natural gas consumption for electricity generation over the last 10 years (thousands m³)



Number of electricity generating plants over the last 10 years



8.8 Natural gas consumption in the CR by customer category in 2023 and over the last 10 years

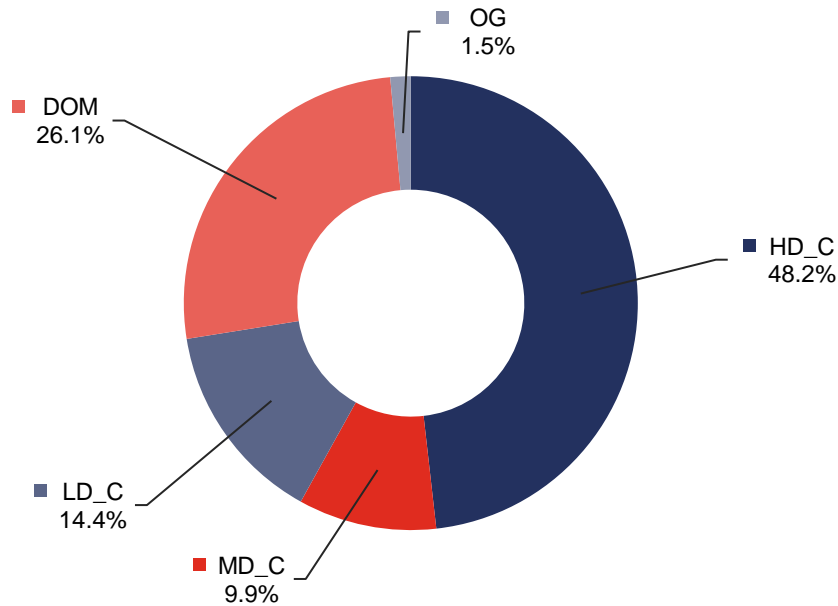
Period	Number of customers					Natural gas consumption						MWh					
	HD_C	MD_C	LD_C	DOM	Total	thousands m ³											
	HD_C	MD_C	LD_C	DOM	Total	HD_C	MD_C	LD_C	DOM	OG	Total	HD_C	MD_C	LD_C	DOM	OG	Total
January	1,612	6,442	203,401	2,566,543	2,777,998	336,688	90,862	159,333	286,743	18,153	891,780	3,668,368	989,866	1,735,255	3,123,245	197,830	9,714,563
February	1,622	6,420	203,278	2,564,140	2,775,460	325,604	87,504	150,582	279,282	17,796	860,767	3,535,593	949,678	1,633,501	3,029,481	193,137	9,341,389
March	1,613	6,307	203,241	2,561,383	2,772,544	320,969	77,272	126,219	227,622	17,186	769,268	3,480,514	837,907	1,368,068	2,467,192	186,339	8,340,019
April	1,613	6,307	203,076	2,558,793	2,769,789	267,845	59,664	95,094	177,653	6,180	606,436	2,921,552	651,026	1,037,142	1,937,937	67,517	6,615,174
May	1,612	6,305	202,964	2,555,793	2,766,674	219,057	36,559	37,856	69,385	5,997	368,854	2,398,320	400,372	414,210	759,767	65,703	4,038,372
June	1,615	6,300	202,622	2,552,635	2,763,172	236,739	26,660	17,449	31,566	1,540	313,953	2,593,271	292,066	190,866	345,798	17,013	3,439,014
July	1,613	6,304	202,714	2,550,508	2,761,139	216,321	22,705	14,156	26,535	1,451	281,168	2,371,201	248,879	154,886	290,860	15,951	3,081,776
August	1,612	6,303	202,457	2,548,470	2,758,842	215,738	25,835	17,120	28,612	317	287,622	2,366,433	283,416	187,635	313,873	3,610	3,154,967
September	1,612	6,298	202,238	2,546,357	2,756,505	228,221	25,838	18,034	28,923	1,252	302,269	2,507,068	283,843	197,836	317,742	13,858	3,320,346
October	1,613	6,292	202,110	2,544,970	2,754,985	271,598	45,832	52,711	89,853	5,547	465,541	2,980,456	503,001	578,113	986,078	61,000	5,108,649
November	1,613	6,292	202,304	2,543,286	2,753,495	304,056	76,844	122,818	217,554	9,843	731,114	3,323,630	840,151	1,342,298	2,378,353	107,684	7,992,116
December	1,613	6,291	202,383	2,542,155	2,752,442	315,201	90,159	163,465	298,206	12,772	879,802	3,436,893	983,456	1,783,256	3,253,121	139,334	9,596,061
1Q	1,613	6,307	203,241	2,561,383	2,772,544	983,261	255,637	436,135	793,646	53,135	2,521,815	10,684,475	2,777,450	4,736,824	8,619,918	577,306	27,395,972
2Q	1,615	6,300	202,622	2,552,635	2,763,172	723,641	122,883	150,400	278,604	13,716	1,289,243	7,913,144	1,343,465	1,642,217	3,043,501	150,233	14,092,560
3Q	1,612	6,298	202,238	2,546,357	2,756,505	660,280	74,379	49,310	84,069	3,021	871,058	7,244,701	816,137	540,356	922,476	33,419	9,557,089
4Q	1,613	6,291	202,383	2,542,155	2,752,442	890,855	212,834	338,994	605,613	28,162	2,076,458	9,740,980	2,326,609	3,703,667	6,617,552	308,018	22,696,826
1H	1,615	6,300	202,622	2,552,635	2,763,172	1,706,902	378,520	586,534	1,072,250	66,851	3,811,058	18,597,618	4,120,915	6,379,041	11,663,419	727,539	41,488,532
2H	1,613	6,291	202,383	2,542,155	2,752,442	1,551,134	287,213	388,304	689,682	31,182	2,947,516	16,985,681	3,142,746	4,244,024	7,540,027	341,437	32,253,916
Year	1,613	6,291	202,383	2,542,155	2,752,442	3,258,037	665,733	974,838	1,761,932	98,034	6,758,574	35,583,300	7,263,661	10,623,065	19,203,446	1,068,976	73,742,448
2014	1,599	6,841	197,824	2,642,898	2,849,162	3,410,397	712,957	980,634	1,999,120	177,313	7,280,420	36,263,816	7,577,965	10,423,644	21,252,656	1,891,038	77,409,120
2015	1,606	6,814	199,725	2,636,189	2,844,334	3,522,762	740,547	1,057,163	2,171,136	115,957	7,607,565	37,559,635	7,890,518	11,257,688	23,123,104	1,236,956	81,067,901
2016	1,618	6,823	199,995	2,632,037	2,840,473	3,836,358	801,512	1,152,682	2,368,461	96,121	8,255,134	41,022,705	8,566,823	12,316,758	25,309,234	1,027,647	88,243,167
2017	1,703	6,817	203,138	2,632,599	2,844,257	3,847,746	905,811	1,238,757	2,427,269	107,900	8,527,483	41,058,748	9,665,069	13,218,066	25,902,115	1,152,224	90,996,222
2018	1,692	6,817	205,693	2,626,417	2,840,619	3,854,920	802,317	1,117,915	2,275,642	131,962	8,182,756	41,132,713	8,559,039	11,925,786	24,278,826	1,410,046	87,306,411
2019	1,690	6,759	206,267	2,619,793	2,834,509	4,200,741	837,955	1,201,475	2,173,235	151,223	8,564,629	44,813,140	8,942,579	12,826,305	23,200,395	1,615,214	91,397,634
2020	1,605	6,748	206,659	2,614,120	2,829,132	4,268,310	840,410	1,197,729	2,245,542	142,229	8,694,219	45,620,793	8,977,576	12,792,266	23,983,569	1,520,228	92,894,431
2021	1,602	6,487	207,199	2,604,725	2,820,013	4,565,694	913,967	1,309,687	2,518,716	125,670	9,433,734	48,749,273	9,759,423	13,986,122	26,898,782	1,343,877	100,737,477
2022	1,638	6,526	203,698	2,569,422	2,781,284	3,611,239	739,730	1,077,487	1,992,315	122,991	7,543,762	39,073,065	7,995,190	11,638,500	21,510,428	1,329,514	81,546,698
2023	1,613	6,291	202,383	2,542,155	2,752,442	3,258,037	665,733	974,838	1,761,932	98,034	6,758,574	35,583,300	7,263,661	10,623,065	19,203,446	1,068,976	73,742,448

Note: In the whole chapter 8, the data on supply to CNG stations are included in each of the demand categories.

8.9 Natural gas consumption broken down by customer category and way of use in the Czech Republic

Natural gas consumption in the CR by customer category

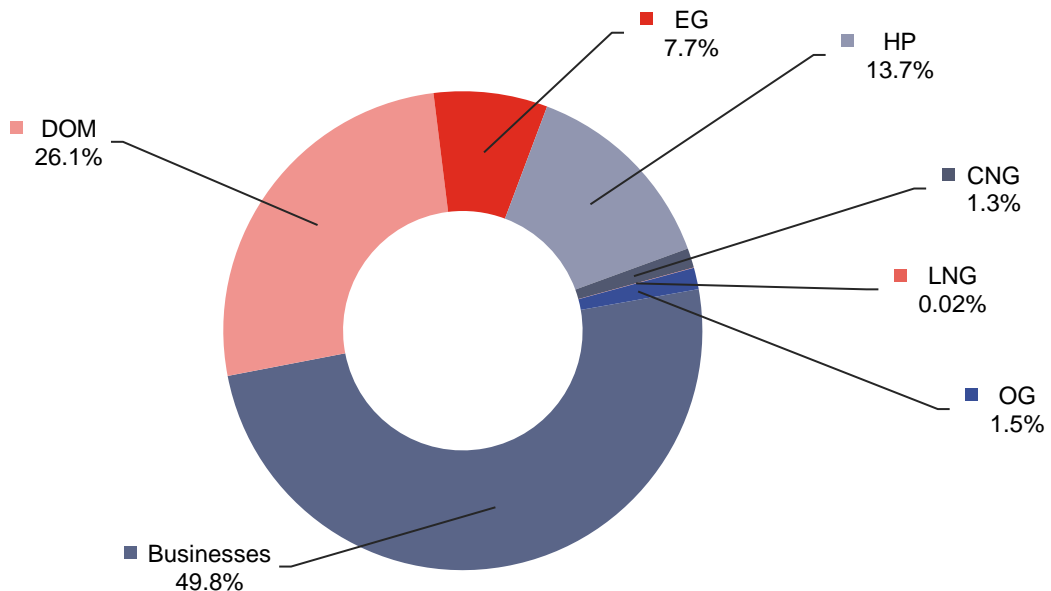
	HD_C	MD_C	LD_C	DOM	OG	Total
Gas consumption (th m ³)	3,258,037	665,733	974,838	1,761,932	98,034	6,758,574
Gas consumption (MWh)	35,583,300	7,263,661	10,623,065	19,203,446	1,068,976	73,742,448
Share	48.2%	9.9%	14.4%	26.1%	1.5%	100.0%
Number of customers	1,613	6,291	202,383	2,542,155		2,752,442



Natural gas consumption in the CR by way of use





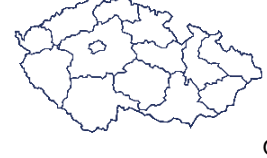
	Businesses	DOM	EG	HP	CNG	LNG	OG	Total
Gas consumption (th m ³)	3,362,475	1,761,932	519,047	926,132	89,325	1,629	98,034	6,758,574
Gas consumption (MWh)	36,702,226	19,203,446	5,669,998	10,104,980	975,721	17,100	1,068,976	73,742,448
Share	49.8%	26.1%	7.7%	13.7%	1.3%	0.02%	1.5%	100.0%
Customers/installations/stations	208,020	2,542,155	881	1,977	278	11		2,752,442

Note: Some plants that generate electricity (EG) and produce heat (HP) from natural gas produce combined heat and power (CHP), and they are therefore shown in the table for both electricity and heat producing plants. The Total item already does not include 'duplicate' plants.



9 NATURAL GAS CONSUMPTION BY DISTRIBUTION SYSTEM

9.1 Natural gas consumption by gas system, customer category, and CNG in the Czech Republic

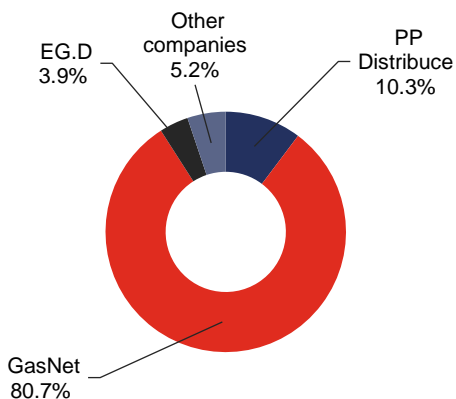
Category	Number of customers on 31 Dec 2023	2023					2022		
		th m ³	MWh	Share	Y/y change	th m ³	MWh	Share	
Czech Republic									
	HD_C	1,561	3,215,980	35,120,888	47.6%	-9.6%	3,557,574	38,492,265	47.2%
	MD_C	6,103	626,708	6,837,006	9.3%	-10.8%	702,714	7,594,988	9.3%
	LD_C	202,345	966,595	10,536,410	14.3%	-10.3%	1,077,076	11,634,056	14.3%
	DOM	2,542,155	1,761,932	19,203,446	26.1%	-11.6%	1,992,315	21,510,428	26.4%
	CNG	278	89,325	975,721	1.3%	-1.9%	91,093	985,447	1.2%
	OG+VS+PKS		98,034	1,068,976	1.5%	-20.3%	122,991	1,329,514	1.6%
	Total	2,752,442	6,758,574	73,742,448	100.0%	-10.4%	7,543,762	81,546,698	100.0%
Pražská plynárenská Distribuce, a.s.									
	HD_C	135	148,842	1,625,925	21.5%	-10.9%	167,000	1,810,389	21.7%
	MD_C	1,439	130,244	1,422,769	18.8%	-9.8%	144,470	1,566,156	18.8%
	LD_C	37,486	168,248	1,837,912	24.2%	-6.2%	179,387	1,944,689	23.4%
	DOM	363,047	218,583	2,387,763	31.5%	-12.1%	248,650	2,695,543	32.4%
	CNG	40	13,318	145,486	1.9%	11.6%	11,933	129,365	1.6%
	OG		14,656	160,096	2.1%	-12.7%	16,789	182,006	2.2%
	Total	402,147	693,890	7,579,950	100.0%	-9.7%	768,229	8,328,147	100.0%
GasNet, s.r.o.									
	HD_C	1,235	2,629,340	28,702,131	48.2%	-8.7%	2,878,599	31,127,126	47.5%
	MD_C	4,218	460,385	5,020,205	8.4%	-11.4%	519,635	5,612,893	8.6%
	LD_C	153,058	747,479	8,143,787	13.7%	-11.3%	842,805	9,098,466	13.9%
	DOM	2,070,265	1,468,261	15,995,816	26.9%	-11.6%	1,661,020	17,924,929	27.4%
	CNG	214	71,570	781,783	1.3%	-3.1%	73,838	798,908	1.2%
	OG		75,056	816,806	1.4%	-14.0%	87,260	940,661	1.4%
	Total	2,228,990	5,452,090	59,460,527	100.0%	-10.1%	6,063,157	65,502,983	100.0%
EG.D, a.s.									
	HD_C	96	93,928	1,026,881	35.6%	-15.8%	111,539	1,203,238	37.6%
	MD_C	327	35,502	387,954	13.5%	-6.5%	37,953	409,029	12.8%
	LD_C	10,650	49,105	536,192	18.6%	-9.1%	54,048	582,022	18.2%
	DOM	100,785	74,898	817,833	28.4%	-9.1%	82,437	887,731	27.8%
	CNG	18	4,304	47,076	1.6%	-10.4%	4,802	51,787	1.6%
	OG		5,765	62,994	2.2%	1.7%	5,670	61,112	1.9%
	Total	111,876	263,503	2,878,932	100.0%	-11.1%	296,448	3,194,919	100.0%
Other companies *									
	HD_C	95	343,870	3,765,951	98.5%	-14.1%	400,436	4,351,512	96.3%
	MD_C	119	576	6,078	0.2%	-12.1%	656	6,910	0.2%
	LD_C	1,151	1,763	18,519	0.5%	110.9%	836	8,879	0.2%
	DOM	8,058	191	2,034	0.1%	-8.9%	209	2,226	0.1%
	CNG	6	133	1,376	0.0%	-74.5%	519	5,387	0.1%
	OG+VS+PKS		2,557	29,080	0.7%	-80.7%	13,271	145,736	3.2%
	Total	9,429	349,090	3,823,038	100.0%	-16.1%	415,928	4,520,649	100.0%

* Other companies include gas supply to customers connected directly to the gas transmission system and fuel gas (PKS), i.e. gas for fuelling compression stations of NET4GAS, s.r.o., supply in island LDS (not included in RDS), all local distribution systems that are connected to RDS (the numbers of customers and CNG stations are only shown; gas consumption is included in RDS) and gas producers' own use (VS).

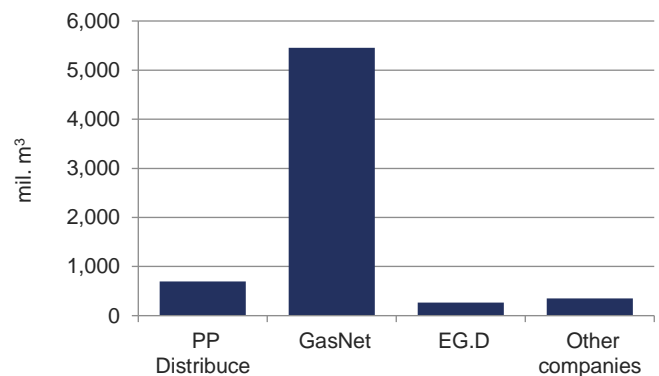
9.2 Natural gas consumption by gas system in the Czech Republic in 2023

Period	thousands m ³					MWh				
	PP Distribuce	GasNet	EG.D	Other companies	Total	PP Distribuce	GasNet	EG.D	Other companies	Total
2023										
January	104,880	724,956	36,371	25,573	891,780	1,143,475	7,893,525	397,790	279,773	9,714,563
February	99,146	690,480	34,475	36,667	860,767	1,080,096	7,485,132	374,147	402,014	9,341,389
March	85,946	621,173	30,476	31,674	769,268	934,027	6,727,421	333,085	345,487	8,340,019
April	66,499	499,583	25,392	14,962	606,436	727,192	5,447,946	276,827	163,209	6,615,174
May	32,024	312,130	15,240	9,460	368,854	351,547	3,416,952	166,485	103,387	4,038,372
June	19,213	233,980	11,602	49,157	313,953	210,968	2,562,046	127,210	538,790	3,439,014
July	18,361	211,105	8,754	42,948	281,168	201,535	2,313,452	95,920	470,869	3,081,776
August	17,394	225,681	9,991	34,556	287,622	191,016	2,475,328	109,567	379,056	3,154,967
September	18,273	236,567	10,335	37,093	302,269	201,325	2,597,678	113,327	408,017	3,320,346
October	41,125	378,511	17,399	28,506	465,541	451,526	4,153,319	191,166	312,639	5,108,649
November	84,422	602,917	28,944	14,831	731,114	923,513	6,590,226	316,794	161,583	7,992,116
December	106,608	715,007	34,524	23,662	879,802	1,163,729	7,797,502	376,615	258,215	9,596,061
1Q	289,971	2,036,608	101,321	93,914	2,521,815	3,157,599	22,106,078	1,105,021	1,027,274	27,395,972
2Q	117,736	1,045,693	52,234	73,580	1,289,243	1,289,707	11,426,944	570,523	805,386	14,092,560
3Q	54,028	673,353	29,080	114,597	871,058	593,876	7,386,458	318,814	1,257,942	9,557,089
4Q	232,155	1,696,435	80,868	66,999	2,076,458	2,538,768	18,541,048	884,574	732,437	22,696,826
1H	407,707	3,082,302	153,555	167,494	3,811,058	4,447,306	33,533,022	1,675,544	1,832,659	41,488,532
2H	286,183	2,369,789	109,948	181,596	2,947,516	3,132,644	25,927,505	1,203,388	1,990,379	32,253,916
Year	693,890	5,452,090	263,503	349,090	6,758,574	7,579,950	59,460,527	2,878,932	3,823,038	73,742,448

Gas companies' shares of gas consumption in 2023



Gas consumption attributable to gas companies in 2023 (million m³)



Air temperature in 2023 (°C)

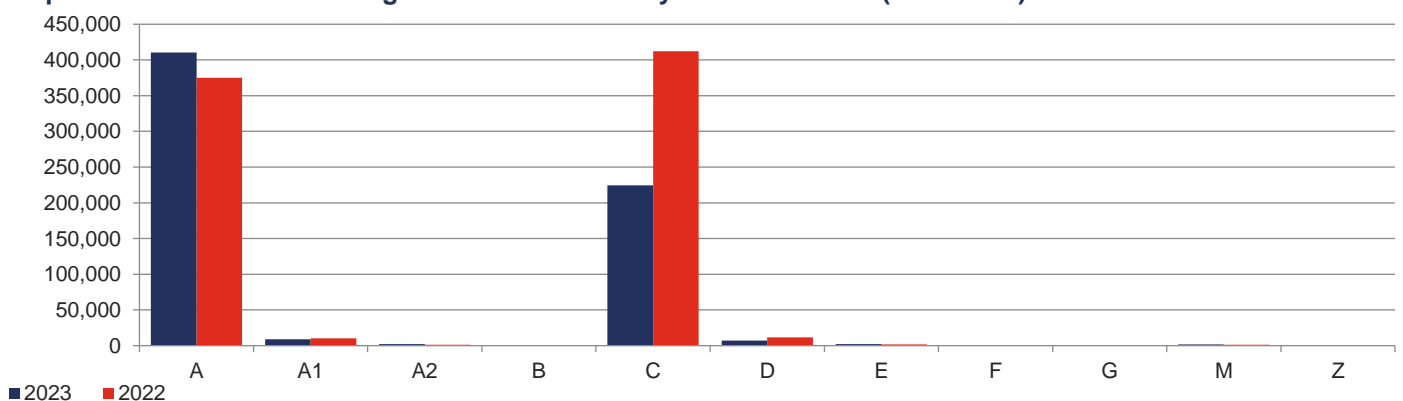
	PP Distribuce	GasNet	EG.D	Other companies	Total
Year	11.5	9.9	9.6	9.9	9.9
Maximum	29.1	26.1	26.0	26.1	26.1
Minimum	-5.4	-6.0	-8.4	-6.1	-6.1
The normal	9.1	8.1	7.5	8.5	8.5
Difference	2.4	1.9	2.1	1.4	1.4



9.3 Gas quantities distributed through local distribution systems in the Czech Republic

Gas type	Type of distribution	Number of customers		thousands m ³			MWh		
		2023	2022	2023	2022	Y/y change	2023	2022	
LDS in RDS ¹⁾	Natural gas for distribution	A	9,245	9,225	410,526.9	374,940.2	9.5%	4,479,837.9	4,054,465.4
	Carbonic natural gas	A1	0	0	0.0	0.0		0.0	0.0
	Natural gas (LNG)	A2	0	0	0.0	0.0		0.0	0.0
	Propane, butane and their mixtures	B	0	0	0.0	0.0		0.0	0.0
	Coke-oven gas	C	0	0	0.0	0.0		0.0	0.0
	Mine gas	D	0	0	0.0	0.0		0.0	0.0
	Landfill gas	E	0	0	0.0	0.0		0.0	0.0
	Biogas	F	0	0	0.0	0.0		0.0	0.0
	Producer gas	G	0	0	0.0	0.0		0.0	0.0
	Biomethane	M	2	2	1,692.8	1,300.9	30.1%	17,241.0	13,319.4
	Other	Z	0	0	0.0	0.0		0.0	0.0
Total distribution of natural gas	A+A1+A2+M	9,247	9,227	412,219.6	376,241.1	9.6%	4,497,078.9	4,067,784.8	
All gases	Total	9,247	9,227	412,219.6	376,241.1	9.6%	4,497,078.9	4,067,784.8	
LDS outside RDS ²⁾	Natural gas for distribution	A	0	0	0.0	0.0		0.0	0.0
	Carbonic natural gas	A1	161	161	8,748.8	10,250.2	-14.6%	92,098.0	107,760.6
	Natural gas (LNG)	A2	11	10	2,258.0	1,247.4	81.0%	23,709.3	13,097.9
	Propane, butane and their mixtures	B	0	0	0.0	0.0		0.0	0.0
	Coke-oven gas	C	3	3	224,620.4	412,315.4	-45.5%	1,190,294.2	2,188,624.0
	Mine gas	D	10	10	7,341.3	11,800.0	-37.8%	76,209.6	111,740.8
	Landfill gas	E	1	1	2,004.0	1,886.0	6.3%	7,183.0	6,701.0
	Biogas	F	0	0	0.0	0.0		0.0	0.0
	Producer gas	G	0	0	0.0	0.0		0.0	0.0
	Biomethane	M	0	0	0.0	0.0		0.0	0.0
	Other	Z	0	0	0.0	0.0		0.0	0.0
Total distribution of natural gas	A+A1+A2+M	172	171	11,006.9	11,497.6	-4.3%	115,807.3	120,858.5	
All gases	Total	186	185	244,972.5	437,499.0	-44.0%	1,389,494.1	2,427,924.4	
Total LDS	Natural gas for distribution	A	9,245	9,225	410,526.9	374,940.2	9.5%	4,479,837.9	4,054,465.4
	Carbonic natural gas	A1	161	161	8,748.8	10,250.2	-14.6%	92,098.0	107,760.6
	Natural gas (LNG)	A2	11	10	2,258.0	1,247.4	81.0%	23,709.3	13,097.9
	Propane, butane and their mixtures	B	0	0	0.0	0.0		0.0	0.0
	Coke-oven gas	C	3	3	224,620.4	412,315.4	-45.5%	1,190,294.2	2,188,624.0
	Mine gas	D	10	10	7,341.3	11,800.0	-37.8%	76,209.6	111,740.8
	Landfill gas	E	1	1	2,004.0	1,886.0	6.3%	7,183.0	6,701.0
	Biogas	F	0	0	0.0	0.0		0.0	0.0
	Producer gas	G	0	0	0.0	0.0		0.0	0.0
	Biomethane	M	2	2	1,692.8	1,300.9	30.1%	17,241.0	13,319.4
	Other	Z	0	0	0.0	0.0		0.0	0.0
Total distribution of natural gas	A+A1+A2+M	9,419	9,398	423,226.5	387,738.7	9.2%	4,612,886.2	4,188,643.3	
All gases	Total	9,433	9,412	657,192.2	813,740.1	-19.2%	5,886,573.0	6,495,709.1	

Gas quantities distributed through local distribution systems in the CR (million m³)



¹⁾ LDS in RDS – All local distribution systems that are connected to regional distribution systems.

²⁾ LDS outside RDS – All local distribution systems that are not connected to regional distribution systems (island operations, LNG).

9.4 Gas pipeline lengths of gas systems in the Czech Republic by pressure

Gas pipeline lengths on 31 December 2023 (in m)

	VTL			STL			NTL			Total		
	Without service pipes	Service pipes	Including service pipes	Without service pipes	Service pipes	Including service pipes	Without service pipes	Service pipes	Including service pipes	Without service pipes	Service pipes	Including service pipes

Regional distribution system operators (RDS)

Pražská plynárenská Distribuce, a.s.	371,767	96	371,863	2,503,129	559,431	3,062,560	823,465	203,868	1,027,332	3,698,360	763,395	4,461,756
GasNet, s.r.o.	11,081,739	0	11,081,739	34,379,560	7,955,340	42,334,900	8,412,918	3,218,778	11,631,696	53,874,218	11,174,118	65,048,336
EG.D, a.s.	1,241,622	0	1,241,622	2,396,587	617,398	3,013,985	270,506	108,663	379,169	3,908,715	726,061	4,634,776
Total	12,695,128	96	12,695,225	39,279,276	9,132,169	48,411,444	9,506,889	3,531,309	13,038,198	61,481,293	12,663,574	74,144,867

Local distribution system operators (LDS)

Total	43,831	0	43,831	767,468	82,112	849,580	35,901	1,737	37,638	847,199	83,849	931,048
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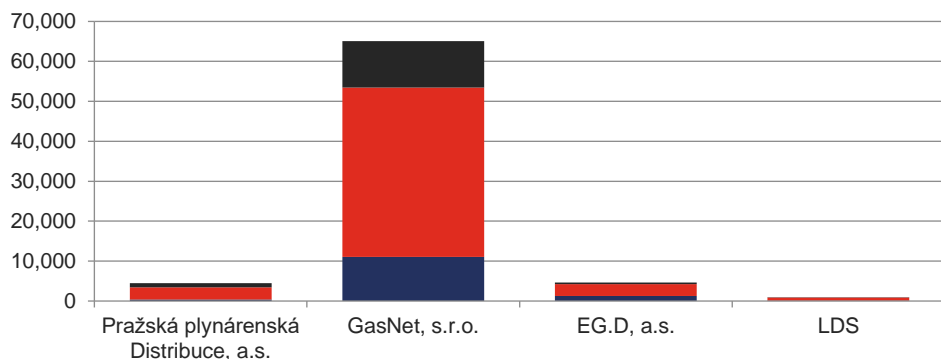
Transmission system operator (TSO)

NET4GAS, s.r.o.	4,059,502	0	4,059,502	0	0	0	0	0	0	4,059,502	0	4,059,502
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Czech Republic

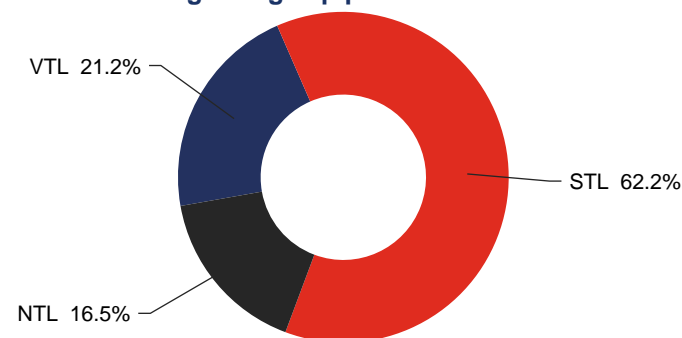
RDS + LDS	12,738,959	96	12,739,055	40,046,744	9,214,281	49,261,024	9,542,790	3,533,046	13,075,836	62,328,492	12,747,423	75,075,915
RDS + PPS	16,754,630	96	16,754,727	39,279,276	9,132,169	48,411,444	9,506,889	3,531,309	13,038,198	65,540,795	12,663,574	78,204,369
RDS + LDS + PPS	16,798,461	96	16,798,557	40,046,744	9,214,281	49,261,024	9,542,790	3,533,046	13,075,836	66,387,994	12,747,423	79,135,417

DSOs' and TSO's pipeline lengths (km)



■ VTL ■ STL ■ NTL

Percentages of pipeline length at each of the pressure levels related to the total length of gas pipelines in the CR

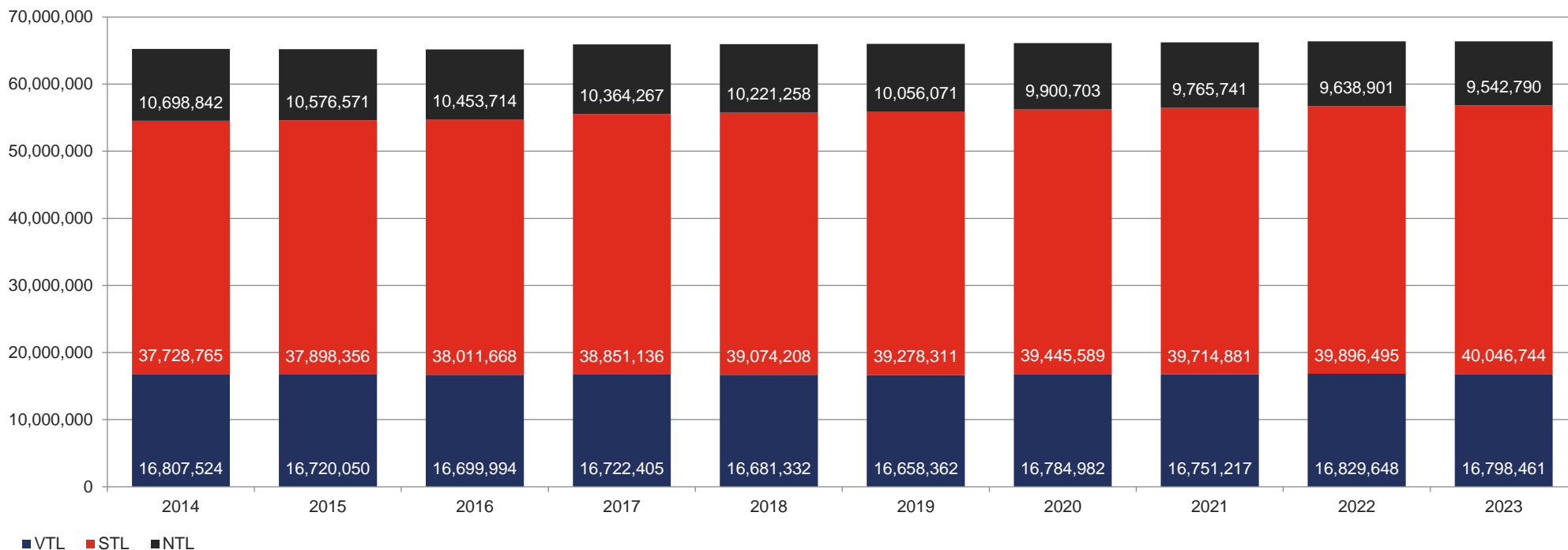


9.5 Pipeline lengths of gas systems in the Czech Republic by pressure level over the last 10 years

Pipeline lengths on 31 December of the year (in m)

Year	VTL			STL			NTL			Total		
	Without service pipes	Service pipes	Including service pipes	Without service pipes	Service pipes	Including service pipes	Without service pipes	Service pipes	Including service pipes	Without service pipes	Service pipes	Including service pipes
2014	16,807,524			37,728,765			10,698,842			65,235,130		
2015	16,720,050			37,898,356			10,576,571			65,194,976		
2016	16,699,994			38,011,668			10,453,714			65,165,376		
2017	16,722,405	79	16,722,484	38,851,136	8,726,838	47,577,974	10,364,267	3,880,584	14,244,851	65,937,808	12,607,501	78,545,309
2018	16,681,332	96	16,681,428	39,074,208	8,811,660	47,885,868	10,221,258	3,816,695	14,037,953	65,976,798	12,628,452	78,605,250
2019	16,658,362	77	16,658,439	39,278,311	8,904,050	48,182,361	10,056,071	3,746,131	13,802,202	65,992,743	12,650,258	78,643,001
2020	16,784,982	84	16,785,065	39,445,589	9,004,408	48,449,996	9,900,703	3,683,872	13,584,575	66,131,274	12,688,363	78,819,637
2021	16,751,217	97	16,751,314	39,714,881	9,088,431	48,803,313	9,765,741	3,626,653	13,392,394	66,231,840	12,715,181	78,947,021
2022	16,829,648	96	16,829,744	39,896,495	9,156,287	49,052,782	9,638,901	3,576,384	13,215,285	66,365,044	12,732,767	79,097,811
2023	16,798,461	96	16,798,557	40,046,744	9,214,281	49,261,024	9,542,790	3,533,046	13,075,836	66,387,994	12,747,423	79,135,417

Pipeline lengths between 2014 and 2023 (without service pipes)



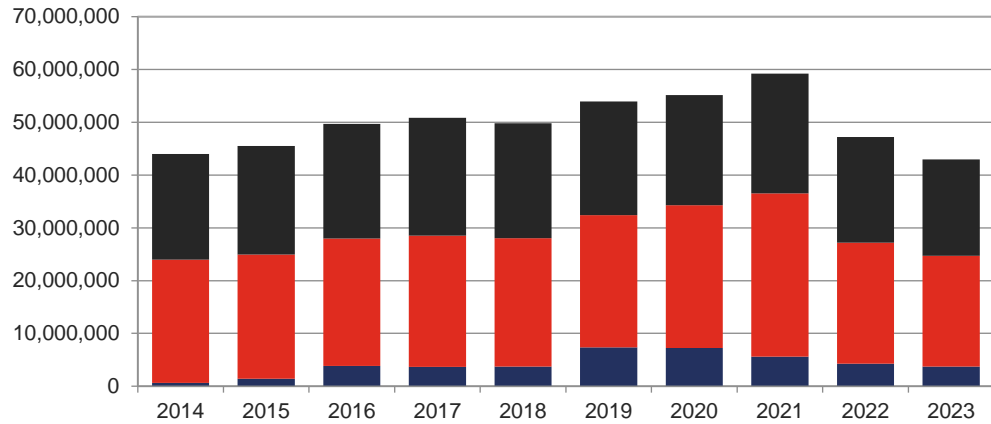
10 TARIFF STATISTICS BY DEMAND CATEGORY AND OFF-TAKE BAND IN THE CZECH REPUBLIC OVER THE LAST 10 YEARS

Categories and bands (MWh)	2014		2015		2016		2017		2018		2019		2020		2021		2022		2023	
	Distributed quantity	Number of supply points	Distributed quantity	Number of supply points	Distributed quantity	Number of supply points	Distributed quantity	Number of supply points	Distributed quantity	Number of supply points	Distributed quantity	Number of supply points	Distributed quantity	Number of supply points	Distributed quantity	Number of supply points	Distributed quantity	Number of supply points	Distributed quantity	Number of supply points
	MWh		MWh		MWh		MWh		MWh		MWh		MWh		MWh		MWh		MWh	
HD_C+MD_C																				
Connected directly to TS	614,378	11	1,412,171	11	3,829,948	11	3,649,008	11	3,710,170	11	7,367,738	11	7,260,378	11	5,577,049	11	4,269,054	11	3,689,881	10
Off-take from a long-distance	23,351,837	910	23,514,169	923	24,135,732	939	24,867,155	930	24,322,452	895	25,064,056	907	27,042,808	913	30,939,069	902	22,945,796	899	21,036,542	881
Off-take from a local network	20,006,040	7,513	20,550,277	7,482	21,722,870	7,474	22,324,504	7,355	21,797,113	7,402	21,478,021	7,333	20,836,310	7,286	22,679,424	7,156	19,968,513	7,033	18,240,713	6,821
LD_C																				
0 - 1.89	13,107	20,692	14,145	19,476	12,868	18,183	14,221	16,856	12,934	17,783	11,968	17,882	11,916	18,642	12,970	19,098	12,411	19,063	11,089	20,441
1.89 - 7.56	123,872	24,258	80,517	22,531	111,667	21,448	99,328	19,582	104,050	21,959	107,814	21,646	113,682	22,094	104,014	20,609	104,899	22,488	117,562	25,007
7.56 - 15	335,459	31,433	341,715	30,571	336,951	29,497	318,502	28,824	326,500	31,720	345,083	31,304	344,923	30,801	316,010	28,191	325,054	30,712	336,497	31,700
15 - 25	524,087	27,893	516,350	27,998	560,527	27,678	548,940	28,716	538,426	29,715	564,924	29,097	561,289	28,596	537,758	28,063	535,080	28,134	520,081	27,561
25 - 45	1,016,914	32,029	1,040,513	32,531	1,156,407	33,278	1,160,131	34,481	1,091,351	34,256	1,151,216	33,989	1,128,114	33,910	1,150,615	34,240	1,071,365	32,865	1,039,200	31,675
45 - 63	732,741	14,311	783,398	14,961	840,743	15,490	857,426	16,019	798,087	15,643	858,649	15,829	854,786	16,068	869,847	16,517	821,733	15,836	785,906	15,146
63 - 630	7,798,912	49,310	8,651,366	52,081	9,524,989	54,894	10,417,464	57,967	9,030,186	53,861	9,726,251	55,790	9,250,922	55,509	10,329,218	59,274	8,761,869	53,446	7,785,635	49,649
DOM																				
0 - 1.89	509,827	1,166,116	505,122	1,155,672	521,142	1,144,851	487,976	1,119,369	496,775	1,109,486	433,064	1,108,372	459,602	1,101,677	453,461	1,073,533	404,819	1,071,751	429,358	1,084,422
1.89 - 7.56	1,882,686	384,841	1,114,074	355,189	1,671,430	338,126	1,514,320	317,326	1,693,837	354,424	1,619,638	351,351	1,675,437	346,490	1,425,154	304,600	1,740,822	374,069	2,025,339	430,479
7.56 - 15	5,490,019	515,730	5,510,047	489,817	5,476,544	466,124	5,096,253	469,705	5,222,077	498,059	5,457,657	497,385	5,396,279	481,661	4,878,403	441,069	5,516,948	513,153	5,641,546	526,367
15 - 25	7,475,302	391,967	7,770,597	408,400	8,355,015	414,294	8,268,551	429,982	8,018,167	412,843	8,336,201	427,625	8,331,224	428,438	8,455,317	441,022	7,747,098	410,283	6,712,187	358,725
25 - 45	4,992,442	166,536	6,787,464	206,906	7,625,022	244,567	8,724,211	263,063	7,195,291	219,943	6,326,135	209,406	6,901,899	226,486	9,555,218	300,034	5,203,663	175,967	3,796,459	123,688
45 - 63	446,199	12,217	832,522	15,543	916,277	18,869	1,175,272	21,031	966,120	19,357	587,203	14,276	830,758	16,953	1,464,998	29,178	530,555	11,940	398,900	7,397
63 - 630	232,016	3,900	408,833	4,699	428,906	4,920	539,373	5,592	520,412	5,880	320,427	4,493	444,285	5,031	647,982	7,680	357,377	4,180	279,778	2,967
MO+DOM	31,573,582	2,841,233	34,356,663	2,836,375	37,538,488	2,832,219	39,221,967	2,828,513	36,014,212	2,824,929	35,846,231	2,818,445	36,305,115	2,812,356	40,200,966	2,803,108	33,133,692	2,763,887	29,879,536	2,735,224
TOTAL	75,545,838	2,849,667	79,833,280	2,844,791	87,227,038	2,840,643	90,062,634	2,836,809	85,843,948	2,833,237	89,756,047	2,826,696	91,444,612	2,820,566	99,396,509	2,811,177	80,317,055	2,771,830	72,846,672	2,742,936

Note:

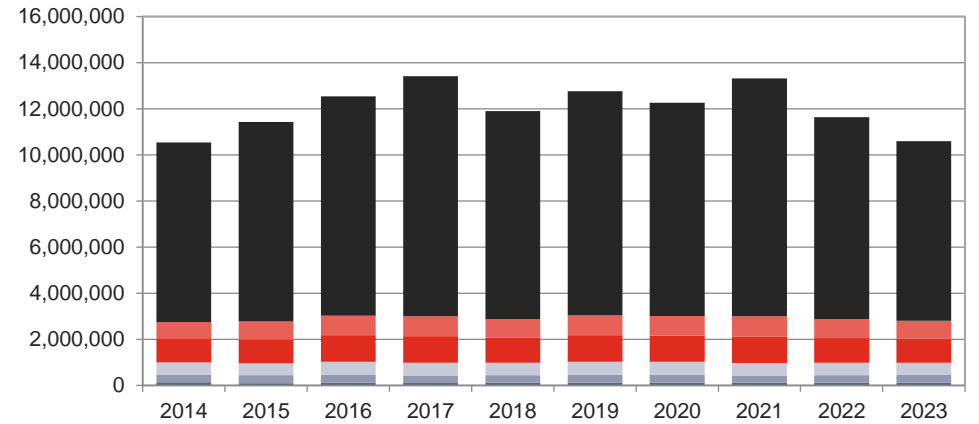
The tariff statistics in Chapter 10 show the sum of data received from RDS operators and the TSO as part of regulatory reporting under Section 20 of the Energy Act. The item 'distributed quantity' does not contain illegal off-take and leakages caused by network disruption billed to third parties.

HD_C+MD_C – distributed quantity (MWh)



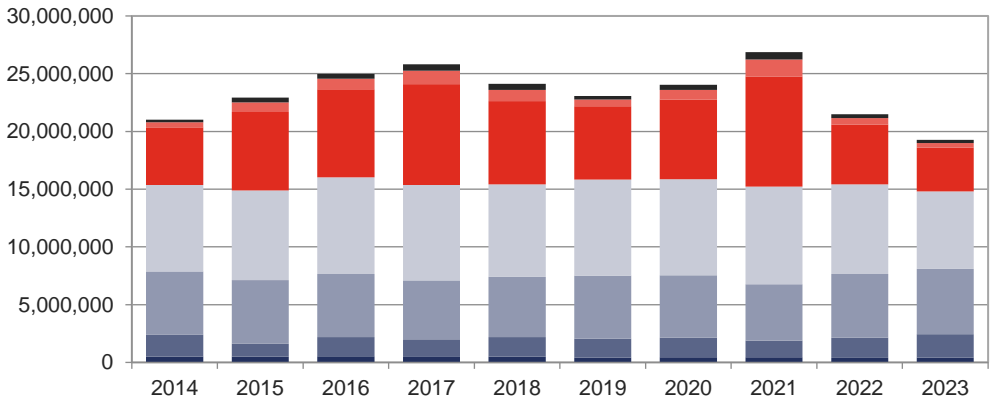
- Customers connected directly to TS
- Off-take from a long-distance pipeline
- Off-take from a local network

LD_C – distributed quantity (MWh)



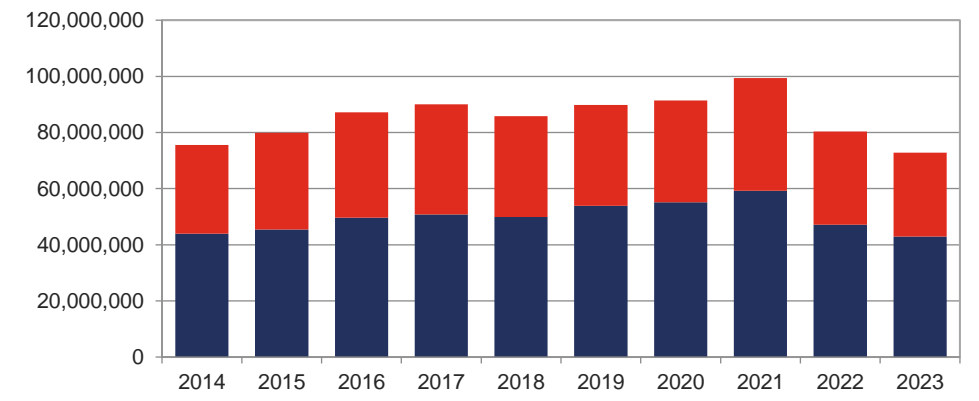
- 0 - 1.89
- 1.89 - 7.56
- 7.56 - 15
- 15 - 25
- 25 - 45
- 45 - 63
- 63 - 630

DOM – distributed quantity (MWh)



- 0 - 1.89
- 1.89 - 7.56
- 7.56 - 15
- 15 - 25
- 25 - 45
- 45 - 63
- 63 - 630




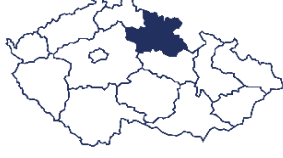



HD_C+MD_C / LD_C+DOM – distributed quantity (MWh)


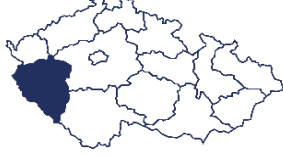







- HD_C+MD_C
- LD_C+DOM

11 NATURAL GAS CONSUMPTION BY REGION

11.1 Natural gas consumption by Region, customer category, and CNG in the Czech Republic

Category	Number of customers on 31 Dec 2023	2023					2022		
		th m ³	MWh	Share	Y/y change	th m ³	MWh	Share	
Jihočeský Region									
	HD_C	81	80,624	881,442	35.6%	-17.2%	97,344	1,050,182	37.8%
	MD_C	273	30,668	335,119	13.5%	-6.9%	32,927	354,909	12.8%
	LD_C	9,599	43,087	470,468	19.0%	-9.2%	47,435	510,828	18.4%
	DOM	92,540	68,459	747,508	30.2%	-9.2%	75,369	811,636	29.3%
	CNG	16	3,830	41,892	1.7%	-8.1%	4,167	44,945	1.6%
	Total	102,509	226,668	2,476,429	100.0%	-11.9%	257,243	2,772,500	100.0%
Jihomoravský Region									
	HD_C	190	311,028	3,392,863	37.7%	-14.2%	362,650	3,919,823	38.5%
	MD_C	807	87,430	953,277	10.6%	-10.5%	97,741	1,055,800	10.4%
	LD_C	23,746	119,297	1,299,747	14.4%	-11.3%	134,472	1,451,683	14.3%
	DOM	349,062	294,955	3,213,353	35.7%	-11.6%	333,678	3,600,887	35.4%
	CNG	29	12,888	140,799	1.6%	-0.8%	12,996	140,612	1.4%
	Total	373,834	825,599	9,000,040	100.0%	-12.3%	941,537	10,168,806	100.0%
Karlovarský Region									
	HD_C	54	95,603	1,043,811	52.3%	-0.4%	95,955	1,037,930	49.6%
	MD_C	159	16,195	176,595	8.9%	-9.8%	17,963	194,003	9.3%
	LD_C	5,803	29,711	323,704	16.3%	-11.3%	33,511	361,770	17.3%
	DOM	76,163	39,026	425,159	21.4%	-11.6%	44,149	476,434	22.8%
	CNG	10	2,126	23,225	1.2%	15.0%	1,849	20,000	1.0%
	Total	82,189	182,661	1,992,494	100.0%	-5.6%	193,427	2,090,137	100.0%
Královéhradecký Region									
	HD_C	76	113,772	1,241,576	42.2%	-8.1%	123,820	1,338,589	41.0%
	MD_C	241	25,684	280,092	9.5%	-16.9%	30,898	333,692	10.2%
	LD_C	9,790	47,068	512,806	17.4%	-11.4%	53,103	573,275	17.6%
	DOM	105,150	81,651	889,538	30.3%	-11.6%	92,370	996,817	30.6%
	CNG	15	1,614	17,630	0.6%	-2.8%	1,660	17,950	0.6%
	Total	115,272	269,790	2,941,642	100.0%	-10.6%	301,852	3,260,323	100.0%
Liberecký Region									
	HD_C	88	109,388	1,193,570	42.4%	-12.0%	124,254	1,343,249	42.8%
	MD_C	282	31,053	338,594	12.0%	-7.3%	33,498	361,755	11.5%
	LD_C	8,729	51,213	557,969	19.9%	-11.3%	57,751	623,451	19.9%
	DOM	81,925	63,826	695,341	24.7%	-11.6%	72,205	779,200	24.8%
	CNG	9	2,499	27,294	1.0%	-12.5%	2,856	30,909	1.0%
	Total	91,033	257,979	2,812,769	100.0%	-11.2%	290,564	3,138,565	100.0%
Moravskoslezský Region									
	HD_C	178	413,172	4,507,778	55.9%	-1.1%	417,934	4,515,253	53.1%
	MD_C	428	42,712	465,537	5.8%	-16.1%	50,910	549,842	6.5%
	LD_C	18,074	82,437	898,099	11.1%	-11.3%	92,941	1,003,310	11.8%
	DOM	350,332	177,781	1,936,773	24.0%	-11.6%	201,115	2,170,296	25.6%
	CNG	33	23,493	256,530	3.2%	-1.0%	23,737	256,669	3.0%
	Total	369,045	739,595	8,064,718	100.0%	-6.0%	786,637	8,495,371	100.0%
Olomoucký Region									
	HD_C	119	177,911	1,941,713	44.7%	-10.7%	199,285	2,154,960	44.6%
	MD_C	346	36,274	395,487	9.1%	-11.2%	40,839	441,142	9.1%
	LD_C	13,036	61,302	667,881	15.4%	-11.3%	69,120	746,187	15.5%
	DOM	169,243	117,696	1,282,231	29.6%	-11.6%	133,148	1,436,870	29.8%
	CNG	15	4,439	48,485	1.1%	-6.3%	4,739	51,264	1.1%
	Total	182,759	397,623	4,335,797	100.0%	-11.1%	447,133	4,830,422	100.0%

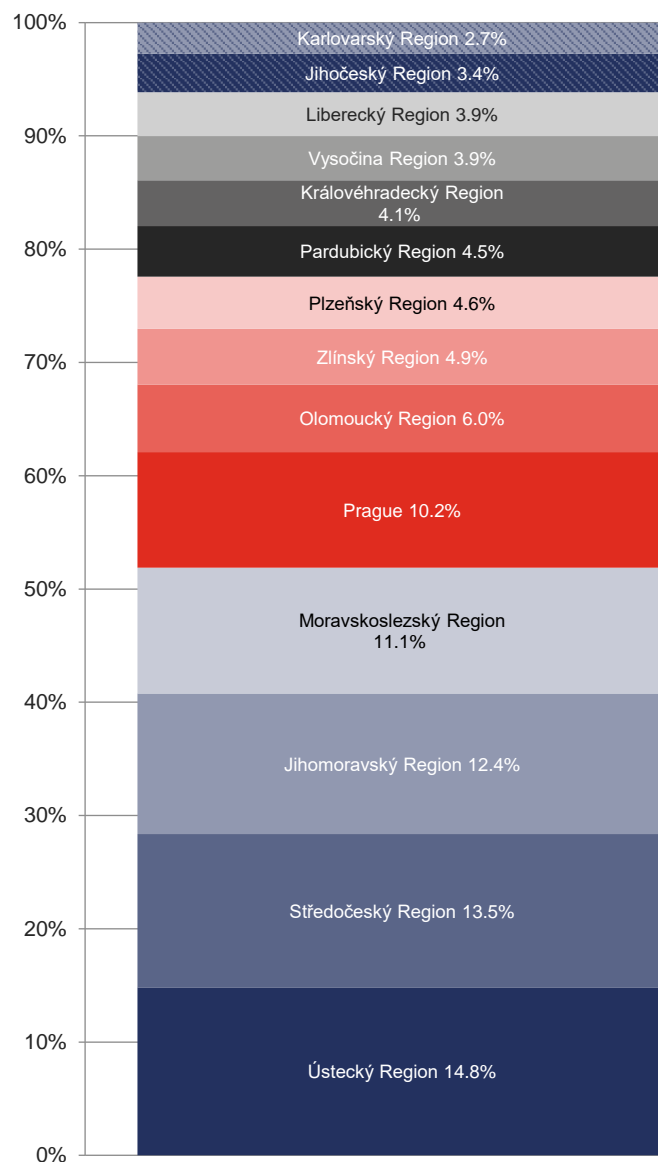
Category	Number of customers on 31 Dec 2023	2023					2022		
		th m ³	MWh	Share	Y/y change	th m ³	MWh	Share	
Pardubický Region									
	HD_C	82	119,482	1,304,634	40.1%	-7.7%	129,450	1,399,430	39.3%
	MD_C	265	31,425	342,728	10.6%	-7.5%	33,975	367,046	10.3%
	LD_C	11,161	50,192	546,846	16.9%	-11.3%	56,573	610,734	17.2%
	DOM	122,065	93,828	1,022,196	31.5%	-11.6%	106,146	1,145,474	32.3%
	CNG	15	2,868	31,333	1.0%	-3.4%	2,969	32,109	0.9%
	Total	133,588	297,795	3,247,737	100.0%	-9.5%	329,113	3,554,793	100.0%
Plzeňský Region									
	HD_C	85	129,077	1,409,107	42.1%	-13.2%	148,773	1,608,940	42.7%
	MD_C	325	33,596	366,291	11.0%	-10.2%	37,407	403,882	10.7%
	LD_C	11,713	55,006	599,286	18.0%	-11.3%	62,042	669,765	17.8%
	DOM	144,319	86,733	944,909	28.3%	-11.6%	98,120	1,058,866	28.2%
	CNG	15	1,881	20,545	0.6%	3.8%	1,812	19,598	0.5%
	Total	156,457	306,293	3,340,138	100.0%	-12.0%	348,153	3,761,050	100.0%
Prague									
	HD_C	136	148,842	1,625,925	21.9%	-10.9%	167,000	1,810,389	22.2%
	MD_C	1,445	130,244	1,422,769	19.2%	-9.8%	144,470	1,566,156	19.2%
	LD_C	37,532	168,248	1,837,912	24.8%	-6.2%	179,387	1,944,689	23.9%
	DOM	363,142	218,583	2,387,763	32.2%	-12.1%	248,650	2,695,543	33.1%
	CNG	40	13,318	145,486	2.0%	11.6%	11,933	129,365	1.6%
	Total	402,295	679,235	7,419,854	100.0%	-9.6%	751,440	8,146,142	100.0%
Středočeský Region									
	HD_C	180	513,941	5,610,582	57.0%	-12.4%	586,845	6,347,972	57.2%
	MD_C	618	69,776	760,998	7.7%	-10.9%	78,293	845,924	7.6%
	LD_C	19,015	94,034	1,024,499	10.4%	-11.3%	106,018	1,144,517	10.3%
	DOM	235,290	213,462	2,325,535	23.7%	-11.6%	241,485	2,605,997	23.6%
	CNG	36	11,007	120,225	1.2%	-13.2%	12,681	137,202	1.2%
	Total	255,139	902,220	9,841,839	100.0%	-12.0%	1,025,323	11,081,612	100.0%
Ústecký Region									
	HD_C	128	784,890	8,585,501	79.5%	-8.9%	861,508	9,342,315	79.1%
	MD_C	301	31,721	345,921	3.2%	-13.8%	36,785	397,344	3.4%
	LD_C	12,796	56,434	614,201	5.7%	-9.7%	62,483	674,430	5.7%
	DOM	203,968	109,693	1,195,043	11.1%	-11.6%	124,094	1,339,166	11.4%
	CNG	19	4,836	52,832	0.5%	-1.4%	4,902	53,031	0.4%
	Total	217,212	987,574	10,793,498	100.0%	-9.4%	1,089,773	11,806,286	100.0%
Vysočina Region									
	HD_C	92	93,346	1,019,142	36.0%	-11.4%	105,361	1,138,534	36.2%
	MD_C	313	31,650	345,205	12.2%	-8.6%	34,631	373,862	11.9%
	LD_C	10,694	51,045	556,292	19.7%	-11.0%	57,382	619,270	19.7%
	DOM	107,086	81,126	883,994	31.3%	-11.4%	91,560	987,893	31.4%
	CNG	15	2,121	23,175	0.8%	-7.2%	2,286	24,707	0.8%
	Total	118,200	259,287	2,827,807	100.0%	-11.0%	291,219	3,144,266	100.0%
Zlínský Region									
	HD_C	72	124,903	1,363,244	38.1%	-9.1%	137,395	1,484,699	37.4%
	MD_C	300	28,279	308,392	8.6%	-12.7%	32,378	349,631	8.8%
	LD_C	10,657	57,521	626,699	17.5%	-11.3%	64,856	700,146	17.7%
	DOM	141,870	115,115	1,254,104	35.1%	-11.6%	130,227	1,405,350	35.4%
	CNG	11	2,405	26,270	0.7%	-3.9%	2,503	27,086	0.7%
	Total	152,910	328,223	3,578,709	100.0%	-10.7%	367,359	3,966,911	100.0%

11.2 Natural gas consumption and customer numbers by Region in the Czech Republic

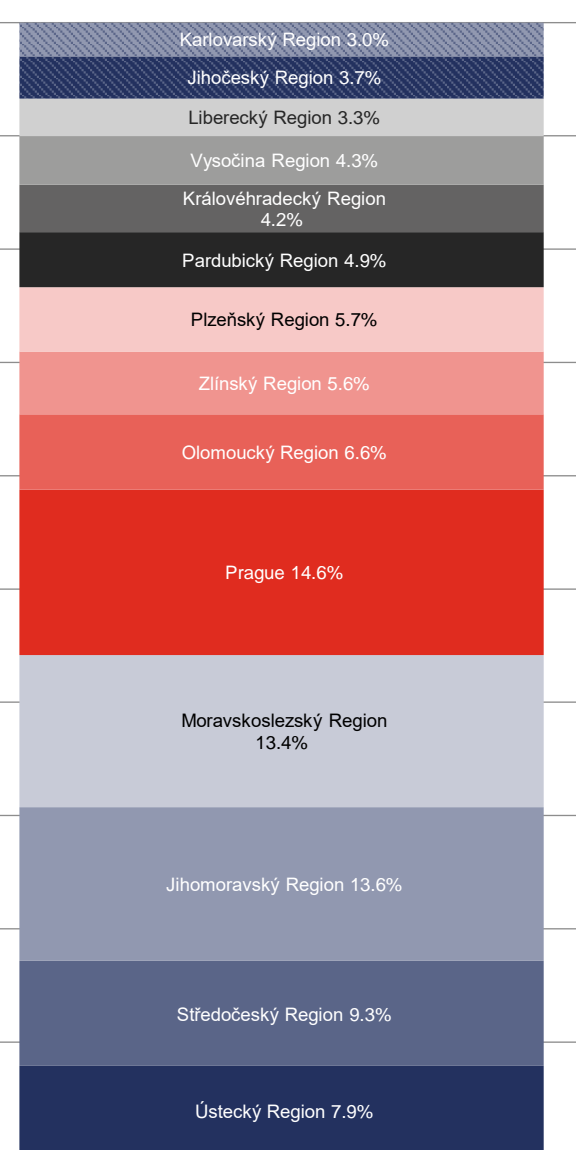
Regions (ordered by consumption size)	Gas consumption in 2023	
	th m ³	MWh
Ústecký Region	987,574	10,793,498
Středočeský Region	902,220	9,841,839
Jihomoravský Region	825,599	9,000,040
Moravskoslezský Region	739,595	8,064,718
Prague	679,235	7,419,854
Olomoucký Region	397,623	4,335,797
Zlínský Region	328,223	3,578,709
Plzeňský Region	306,293	3,340,138
Pardubický Region	297,795	3,247,737
Královéhradecký Region	269,790	2,941,642
Vysočina Region	259,287	2,827,807
Liberecký Region	257,979	2,812,769
Jihočeský Region	226,668	2,476,429
Karlovarský Region	182,661	1,992,494
Total	6,660,540	72,673,472

Regions (ordered by customer base)	Number of customers on 31 Dec 2023
Prague	402,295
Jihomoravský Region	373,834
Moravskoslezský Region	369,045
Středočeský Region	255,139
Ústecký Region	217,212
Olomoucký Region	182,759
Plzeňský Region	156,457
Zlínský Region	152,910
Pardubický Region	133,588
Vysočina Region	118,200
Královéhradecký Region	115,272
Jihočeský Region	102,509
Liberecký Region	91,033
Karlovarský Region	82,189
Total	2,752,442

Regions' shares of the total consumption
of customers in the CR



Regions' shares of the total number
of customers in the CR

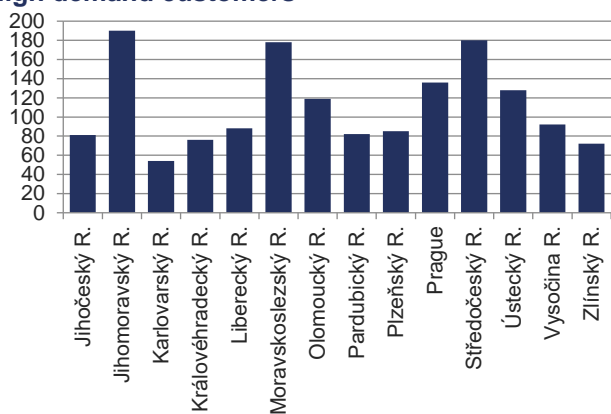


Note: The Ústecký and Karlovarský Regions include PPE, which have a major impact on the whole Region's gas consumption. When gas supply to the PPE is deducted, gas consumption is 685.669 million m³, i.e. 7,483,276 MWh in the Ústecký Region. When gas supply to the PPE is deducted, gas consumption is 177.517 million m³, i.e. 1,936,242 MWh in the Karlovarský Region.

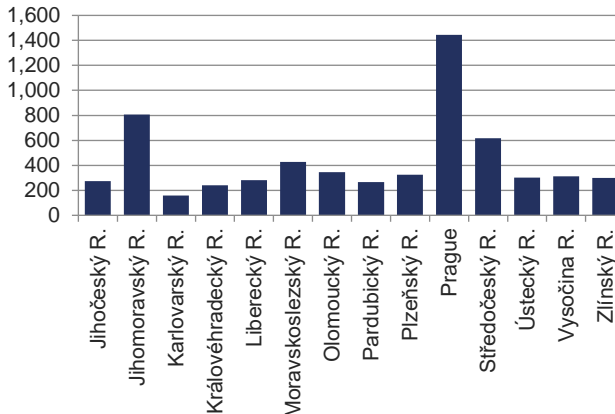
11.3 Numbers of customers by Region (R.), customer category, and CNG in the Czech Republic

Customers	Jihočeský R.	Jihomoravský R.	Karlovarský R.	Královéhradecký R.	Liberecký R.	Moravskoslezský R.	Olomoucký R.	Pardubický R.	Pízeňský R.	Prague	Středočeský R.	Ústecký R.	Vysočina R.	Zlínský R.	Total
HD_C	81	190	54	76	88	178	119	82	85	136	180	128	92	72	1,561
MD_C	273	807	159	241	282	428	346	265	325	1,445	618	301	313	300	6,103
LD_C	9,599	23,746	5,803	9,790	8,729	18,074	13,036	11,161	11,713	37,532	19,015	12,796	10,694	10,657	202,345
DOM	92,540	349,062	76,163	105,150	81,925	350,332	169,243	122,065	144,319	363,142	235,290	203,968	107,086	141,870	2,542,155
CNG	16	29	10	15	9	33	15	15	15	40	36	19	15	11	278
Total	102,509	373,834	82,189	115,272	91,033	369,045	182,759	133,588	156,457	402,295	255,139	217,212	118,200	152,910	2,752,442

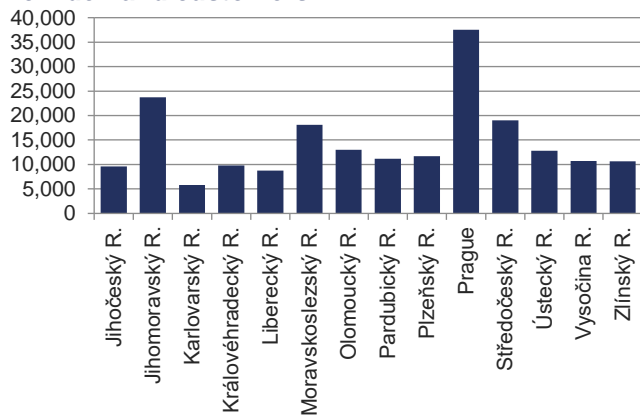
High demand customers



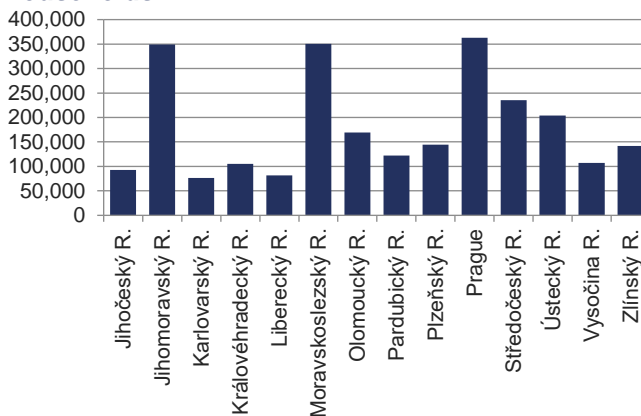
Medium demand customers



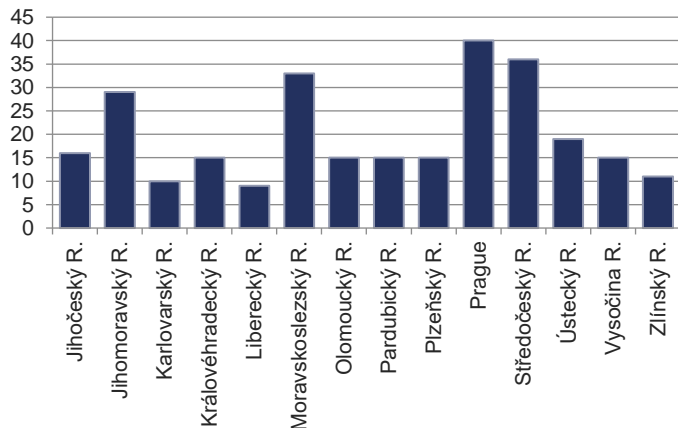
Low demand customers



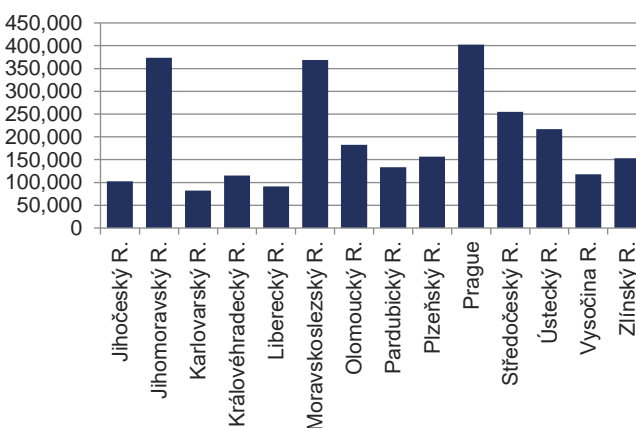
Households



CNG stations



Total



11.4 Natural gas consumption by Region (R.) in 2023 and over the last 10 years

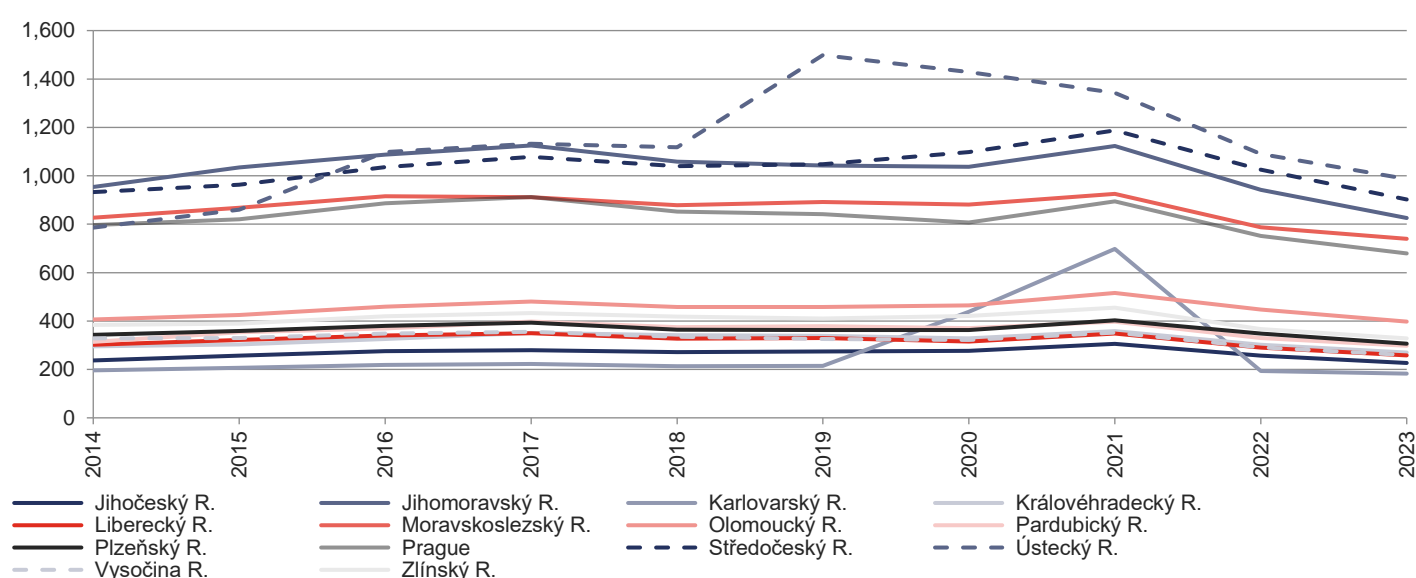
Natural gas consumption by Region in 2023 (million m³)

Period	Jihočeský R.	Jihomoravský R.	Karlovarský R.	Královéhradecký R.	Liberecký R.	Moravskoslezský R.	Olomoucký R.	Pardubický R.	Plzeňský R.	Prague	Středočeský R.	Ústecký R.	Vysočina R.	Zlínský R.	Total R.	OG+VS+PKS	Total
January	31	122	23	37	36	91	56	39	42	103	115	97	36	45	874	18	892
February	30	115	22	37	34	90	52	38	40	97	106	102	35	44	843	18	861
March	26	98	20	32	31	78	46	33	36	84	103	95	30	39	752	17	769
April	22	78	16	25	24	66	36	28	29	65	86	71	24	30	600	6	606
May	13	40	11	15	15	48	22	17	18	31	49	54	14	18	363	6	369
June	10	26	10	10	10	37	16	13	13	18	38	88	10	14	312	2	314
July	7	23	8	8	8	34	14	13	11	18	39	78	8	11	280	1	281
August	9	25	8	10	9	32	15	14	12	17	43	73	10	12	287	0	288
September	9	24	8	10	9	39	15	12	13	17	46	77	9	12	301	1	302
October	15	53	12	19	16	53	27	19	21	40	68	80	17	20	460	6	466
November	25	97	23	31	30	79	45	32	34	83	96	80	29	37	721	10	731
December	30	125	23	36	37	92	54	39	38	105	113	93	36	46	867	13	880
1Q	87	335	64	106	101	260	154	111	118	285	324	295	102	128	2,469	53	2,522
2Q	45	144	36	50	48	151	74	58	60	115	173	212	48	62	1,276	14	1,289
3Q	25	72	24	28	26	104	43	39	36	52	129	228	27	36	868	3	871
4Q	69	275	58	87	83	224	126	90	92	228	277	253	82	103	2,048	28	2,076
1H	132	479	100	156	149	411	228	168	178	399	497	507	149	190	3,744	67	3,811
2H	94	347	82	114	109	328	170	129	129	280	405	480	110	138	2,916	31	2,948
Year	227	826	183	270	258	740	398	298	306	679	902	988	259	328	6,661	98	6,759

Natural gas consumption by Region over the last 10 years (million m³)

2014	238	954	196	295	302	827	406	314	343	797	933	786	328	384	7,103	177	7,280
2015	256	1,035	207	304	322	868	425	354	358	820	963	860	330	389	7,492	116	7,608
2016	275	1,087	219	326	340	916	459	369	380	886	1,035	1,098	349	420	8,159	96	8,255
2017	280	1,125	222	351	350	911	480	398	393	912	1,078	1,132	355	433	8,420	108	8,527
2018	272	1,059	213	342	327	878	458	375	364	852	1,040	1,118	335	418	8,051	132	8,183
2019	275	1,042	215	339	330	892	457	379	362	841	1,047	1,498	325	410	8,413	151	8,565
2020	277	1,037	439	328	315	881	465	371	362	807	1,098	1,428	322	421	8,552	142	8,694
2021	306	1,123	698	358	349	925	516	397	403	895	1,187	1,343	353	455	9,308	126	9,434
2022	257	942	193	302	291	787	447	329	348	751	1,025	1,090	291	367	7,421	123	7,544
2023	227	826	183	270	258	740	398	298	306	679	902	988	259	328	6,661	98	6,759

Natural gas consumption in each of the Regions over the last 10 years (million m³)



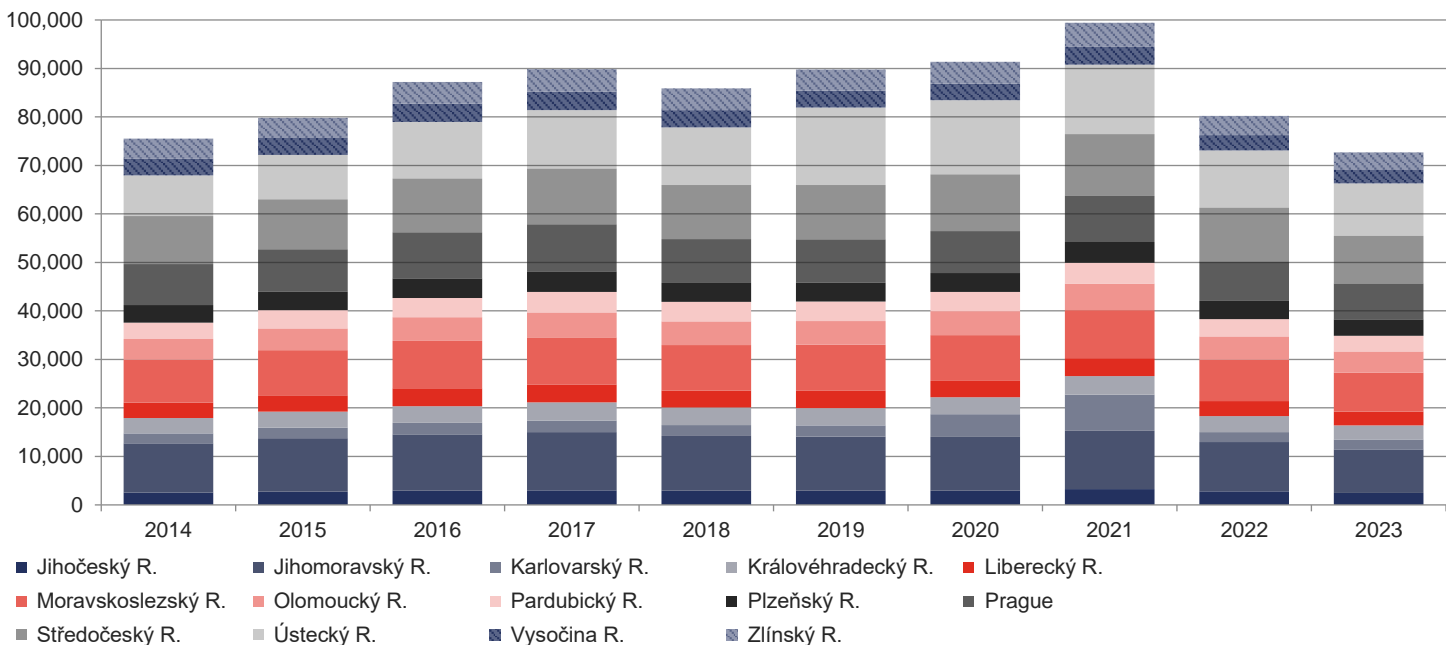
Natural gas consumption by Region in 2023 (GWh)

Period	Jihočeský R.	Jihomoravský R.	Karlovarský R.	Královéhradecký R.	Liberecký R.	Moravskoslezský R.	Olomoucký R.	Pardubický R.	Plzeňský R.	Prague	Středočeský R.	Ústecký R.	Vysočina R.	Zlínský R.	Total R.	OG+VS+PKS	Total
January	342	1,325	249	406	389	994	605	429	455	1,123	1,254	1,061	395	490	9,517	198	9,715
February	322	1,243	236	396	374	981	569	410	436	1,061	1,151	1,115	378	478	9,148	193	9,341
March	287	1,064	213	347	333	849	495	362	387	916	1,115	1,031	329	425	8,154	186	8,340
April	240	845	175	271	260	719	397	309	315	713	936	777	263	328	6,548	68	6,615
May	143	441	117	160	159	524	239	183	195	341	534	588	155	193	3,973	66	4,038
June	111	287	104	111	110	410	172	139	144	202	414	959	106	152	3,422	17	3,439
July	82	257	87	87	84	368	150	141	121	193	430	855	90	121	3,066	16	3,082
August	95	272	92	108	98	347	163	149	132	182	476	797	107	134	3,151	4	3,155
September	96	262	84	108	101	423	164	136	145	192	507	849	103	134	3,306	14	3,320
October	163	586	134	207	179	584	297	204	228	440	746	877	186	217	5,048	61	5,109
November	272	1,059	249	343	328	867	495	354	367	908	1,046	871	321	405	7,884	108	7,992
December	324	1,359	254	397	398	1,000	589	430	415	1,149	1,231	1,014	394	501	9,457	139	9,596
1Q	951	3,632	698	1,149	1,096	2,824	1,669	1,201	1,277	3,100	3,520	3,206	1,103	1,392	26,819	577	27,396
2Q	494	1,573	396	543	529	1,652	809	631	654	1,256	1,885	2,324	524	673	13,942	150	14,093
3Q	273	791	262	302	283	1,138	477	427	398	568	1,413	2,501	300	390	9,524	33	9,557
4Q	759	3,003	637	947	905	2,451	1,381	989	1,010	2,497	3,024	2,762	901	1,123	22,389	308	22,697
1H	1,445	5,205	1,094	1,692	1,624	4,476	2,478	1,833	1,932	4,356	5,405	5,530	1,627	2,066	40,761	728	41,489
2H	1,032	3,795	899	1,250	1,188	3,589	1,858	1,415	1,408	3,064	4,437	5,263	1,201	1,513	31,912	341	32,254
Year	2,476	9,000	1,992	2,942	2,813	8,065	4,336	3,248	3,340	7,420	9,842	10,793	2,828	3,579	72,673	1,069	73,742

Natural gas consumption by Region over the last 10 years (GWh)

2014	2,525	10,141	2,083	3,141	3,210	8,793	4,322	3,345	3,649	8,452	9,926	8,357	3,490	4,084	75,518	1,891	77,409
2015	2,730	11,029	2,204	3,237	3,430	9,256	4,530	3,769	3,820	8,722	10,268	9,171	3,517	4,149	79,831	1,237	81,068
2016	2,937	11,621	2,337	3,484	3,638	9,791	4,906	3,944	4,060	9,463	11,073	11,739	3,730	4,492	87,216	1,028	88,243
2017	2,988	12,010	2,371	3,747	3,731	9,721	5,122	4,246	4,190	9,721	11,503	12,078	3,793	4,622	89,844	1,152	90,996
2018	2,897	11,298	2,275	3,651	3,492	9,368	4,884	4,001	3,884	9,077	11,103	11,932	3,570	4,465	85,896	1,410	87,306
2019	2,939	11,126	2,296	3,614	3,517	9,516	4,883	4,045	3,868	8,968	11,178	15,979	3,472	4,380	89,782	1,615	91,398
2020	2,958	11,076	4,691	3,508	3,363	9,414	4,970	3,965	3,872	8,615	11,736	15,266	3,437	4,504	91,374	1,520	92,894
2021	3,264	11,999	7,452	3,827	3,725	9,880	5,510	4,240	4,302	9,549	12,682	14,335	3,768	4,860	99,394	1,344	100,737
2022	2,773	10,169	2,090	3,260	3,139	8,495	4,830	3,555	3,761	8,146	11,082	11,806	3,144	3,967	80,217	1,330	81,547
2023	2,476	9,000	1,992	2,942	2,813	8,065	4,336	3,248	3,340	7,420	9,842	10,793	2,828	3,579	72,673	1,069	73,742

Total natural gas consumption in the CR broken down by Region over the last 10 years (GWh)



11.5 Air temperature by Region (R.) in 2023 and over the last 10 years

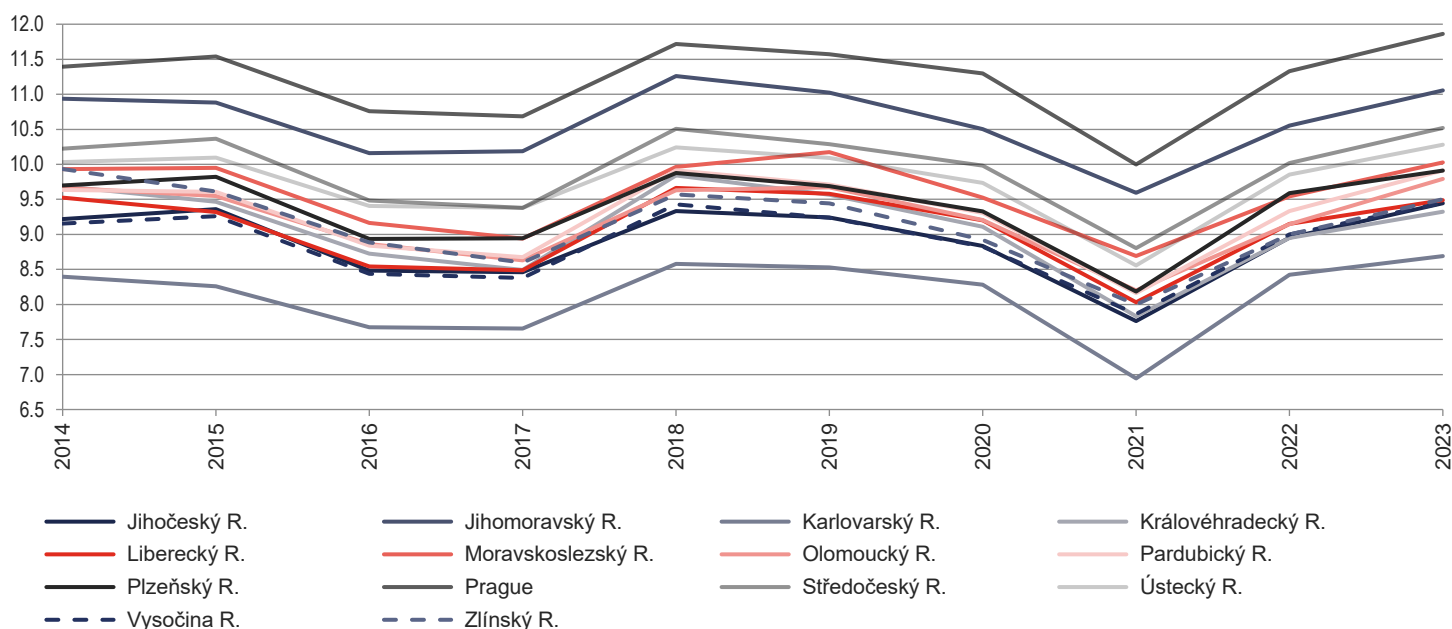
Air temperature by Region in 2023 (°C)

Period	Jihočeský R.	Jihomoravský R.	Karlovarský R.	Královéhradecký R.	Liberecký R.	Moravskoslezský R.	Olomoucký R.	Pardubický R.	Plzeňský R.	Prague	Středočeský R.	Ústecký R.	Vysočina R.	Zlínský R.	Total
January	1.8	3.0	1.4	1.8	2.1	2.5	2.1	2.2	2.4	4.0	2.9	2.8	1.6	1.8	2.2
February	1.4	2.3	0.4	0.6	1.2	1.4	0.9	1.2	1.7	3.4	2.2	2.2	0.8	0.4	1.4
March	4.8	6.2	3.4	4.1	4.1	5.8	4.9	4.9	4.9	6.6	5.5	5.1	4.6	4.4	4.9
April	6.1	8.1	5.6	6.4	6.5	6.8	6.8	6.6	6.7	8.4	7.3	7.1	6.2	6.4	6.7
May	12.2	14.0	12.1	12.4	12.7	12.2	12.5	12.7	13.2	15.1	13.5	13.4	12.3	12.3	12.8
June	16.8	18.7	16.8	17.0	17.0	17.2	17.3	17.5	17.8	19.5	17.9	17.9	17.0	17.0	17.5
July	19.5	21.9	18.0	19.0	19.0	19.6	19.7	19.8	19.9	22.3	20.5	19.9	19.8	19.4	19.9
August	18.3	20.1	17.2	18.3	18.3	19.2	18.8	18.9	18.6	21.0	19.4	19.2	18.5	18.6	18.8
September	15.9	18.0	14.8	16.1	16.0	16.5	16.8	16.8	16.0	18.8	17.1	16.5	16.7	16.7	16.7
October	10.5	12.7	9.7	10.6	10.8	12.1	11.4	11.5	10.7	13.0	11.8	11.5	10.9	11.5	11.3
November	3.9	5.3	3.4	3.7	4.1	4.5	4.3	4.4	4.5	6.0	5.0	4.9	3.6	4.1	4.3
December	2.1	2.3	1.6	1.8	2.1	2.5	2.0	2.3	2.7	4.2	3.1	2.9	1.7	1.5	2.2
1Q	2.7	3.8	1.7	2.2	2.5	3.2	2.6	2.8	3.0	4.7	3.5	3.3	2.3	2.2	2.8
2Q	11.7	13.6	11.5	11.9	12.1	12.1	12.2	12.3	12.5	14.3	12.9	12.8	11.8	11.9	12.3
3Q	17.9	20.0	16.6	17.8	17.7	18.4	18.4	18.5	18.1	20.7	19.0	18.5	18.3	18.2	18.5
4Q	5.5	6.7	4.9	5.4	5.7	6.4	5.9	6.1	5.9	7.7	6.7	6.4	5.4	5.7	5.9
1H	7.2	8.7	6.6	7.1	7.3	7.6	7.4	7.5	7.8	9.5	8.2	8.1	7.1	7.0	7.6
2H	11.7	13.4	10.8	11.6	11.7	12.4	12.2	12.3	12.0	14.2	12.8	12.5	11.8	12.0	12.2
Year	9.4	11.1	8.7	9.3	9.5	10.0	9.8	9.9	9.9	11.9	10.5	10.3	9.4	9.5	9.9

Air temperature by Region over the last 10 years (°C)

2014	9.2	10.9	8.4	9.7	9.5	9.9	9.7	9.6	9.7	11.4	10.2	10.0	9.2	9.9	9.7
2015	9.4	10.9	8.3	9.5	9.3	9.9	9.5	9.6	9.8	11.5	10.4	10.1	9.3	9.6	9.8
2016	8.5	10.2	7.7	8.7	8.5	9.2	8.9	8.8	8.9	10.8	9.5	9.4	8.4	8.9	9.0
2017	8.5	10.2	7.7	8.5	8.5	8.9	8.6	8.7	8.9	10.7	9.4	9.4	8.4	8.6	8.8
2018	9.3	11.3	8.6	9.8	9.7	10.0	9.6	9.9	9.9	11.7	10.5	10.2	9.4	9.6	9.9
2019	9.2	11.0	8.5	9.6	9.6	10.2	9.7	9.7	9.7	11.6	10.3	10.1	9.2	9.4	9.8
2020	8.8	10.5	8.3	9.1	9.2	9.5	9.2	9.3	9.3	11.3	10.0	9.7	8.8	8.9	9.3
2021	7.8	9.6	6.9	7.8	8.0	8.7	8.2	8.2	8.2	10.0	8.8	8.6	7.9	8.0	8.3
2022	9.0	10.6	8.4	8.9	9.2	9.5	9.1	9.3	9.6	11.3	10.0	9.9	9.0	9.0	9.4
2023	9.4	11.1	8.7	9.3	9.5	10.0	9.8	9.9	9.9	11.9	10.5	10.3	9.4	9.5	9.9

Air temperature by Region over the last 10 years (°C)



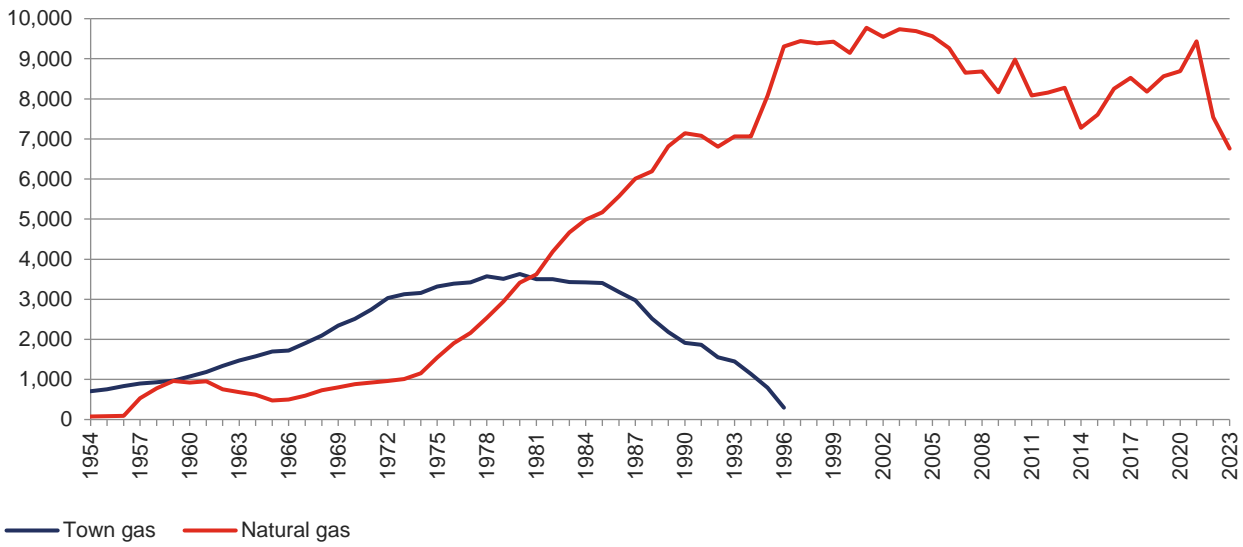
12 HISTORICAL DATA

12.1 Natural gas and town gas consumption in the Czech Republic over the last 70 years

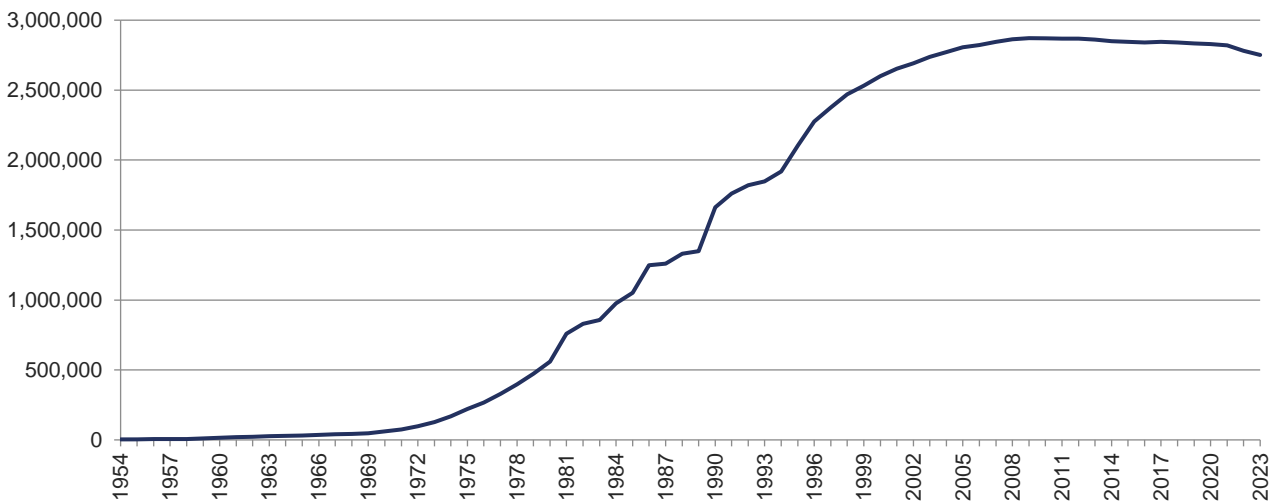
Year	Actual annual consumption				Maximum daily consumption		
	Town gas		Natural gas		Natural gas		
	million m ³	GWh	million m ³	GWh	Number of customers	million m ³	GWh
1954	707.4	3,374.2	75.9	797.5	3,745	3.6	38.0
1955	753.9	3,596.2	84.4	885.8	3,805	4.9	51.8
1956	834.9	3,982.6	88.6	930.6	5,256	6.0	63.5
1957	895.7	4,272.7	533.3	5,599.7	5,987	7.1	73.6
1958	927.6	4,424.7	780.6	8,196.2	7,105	8.3	87.4
1959	972.1	4,636.8	963.3	10,114.8	10,287	8.1	85.3
1960	1,077.0	5,137.2	919.9	9,658.5	14,892	7.2	75.8
1961	1,183.3	5,644.1	952.4	10,000.1	19,021	5.7	60.1
1962	1,334.8	6,367.1	750.6	7,881.1	22,853	3.9	41.1
1963	1,473.6	7,029.2	683.6	7,177.6	26,283	5.2	54.9
1964	1,580.3	7,538.2	614.9	6,456.7	28,424	4.0	41.7
1965	1,698.6	8,102.2	475.8	4,995.7	31,901	5.2	54.8
1966	1,724.5	8,226.0	500.9	5,259.7	36,123	4.4	46.3
1967	1,908.1	9,101.6	597.6	6,275.3	39,717	5.8	60.7
1968	2,095.5	9,995.3	733.1	7,697.1	43,308	6.5	68.4
1969	2,347.2	11,196.0	803.0	8,431.3	48,351	7.4	77.5
1970	2,510.2	11,973.6	880.8	9,248.8	60,818	6.9	72.8
1971	2,745.9	13,097.9	924.8	9,710.7	74,529	8.3	88.0
1972	3,031.0	14,458.0	960.6	10,086.8	96,718	9.4	99.0
1973	3,129.3	14,926.9	1,008.6	10,590.3	127,621	11.4	120.1
1974	3,159.0	15,068.5	1,156.2	12,139.9	169,462	13.0	137.4
1975	3,321.4	15,843.0	1,546.6	16,239.6	221,695	15.2	160.4
1976	3,392.2	16,180.7	1,906.0	20,013.1	267,219	19.1	201.5
1977	3,420.7	16,316.5	2,158.2	22,660.9	327,903	20.9	220.5
1978	3,576.2	17,058.6	2,535.0	26,617.0	398,080	24.9	262.7
1979	3,505.9	16,723.4	2,940.1	30,871.5	472,402	22.2	234.2
1980	3,630.2	17,316.0	3,413.5	35,840.2	560,875	25.4	268.0
1981	3,499.5	16,692.7	3,621.6	38,026.4	758,964	27.1	284.7
1982	3,505.2	16,719.9	4,190.9	44,004.2	829,673	28.3	297.7
1983	3,431.7	16,369.3	4,663.7	48,969.0	857,475	23.1	243.1
1984	3,421.8	16,322.0	4,985.6	52,348.9	975,391	26.5	279.4
1985	3,401.8	16,226.7	5,167.1	54,254.7	1,052,604	32.7	344.8
1986	3,181.1	15,173.8	5,569.1	58,475.8	1,249,146	24.7	261.0
1987	2,973.2	14,182.1	6,010.3	63,107.8	1,259,133	29.7	313.4
1988	2,518.6	12,013.9	6,192.8	65,024.7	1,330,907	24.4	257.3
1989	2,185.9	10,426.6	6,813.6	71,542.3	1,349,258	30.3	319.5
1990	1,909.6	9,108.7	7,138.5	74,953.9	1,661,824	30.1	317.3
1991	1,866.4	8,902.6	7,079.9	74,339.3	1,761,240	31.5	332.2
1992	1,551.8	7,402.3	6,809.9	71,504.4	1,820,752	29.1	307.1
1993	1,450.7	6,920.1	7,064.1	74,172.6	1,848,471	42.6	448.9
1994	1,136.1	5,419.1	7,058.8	74,117.0	1,918,896	42.1	444.2
1995	791.0	3,773.1	8,074.5	84,782.3	2,103,695	43.9	463.1
1996	296.3	1,413.4	9,306.4	97,714.4	2,276,683	58.5	617.3
1997			9,441.0	99,131.4	2,376,002	59.3	622.2
1998			9,389.6	98,590.8	2,469,587	57.1	599.3
1999			9,426.9	98,982.3	2,531,808	56.1	589.4
2000			9,147.9	96,052.9	2,601,210	59.0	620.0
2001			9,772.6	102,611.7	2,654,204	62.4	654.8
2002			9,542.1	100,193.2	2,692,523	62.3	654.3
2003			9,739.3	102,600.1	2,737,730	63.4	667.4
2004			9,692.3	102,236.6	2,771,690	61.7	650.5
2005			9,562.8	100,829.6	2,805,705	56.9	599.9
2006			9,269.4	97,805.9	2,823,102	67.6	713.3
2007			8,652.6	91,290.2	2,845,429	49.9	526.5
2008			8,685.2	91,673.1	2,864,576	50.8	536.2
2009			8,161.3	86,216.2	2,871,547	57.2	604.3
2010			8,979.2	95,138.4	2,870,634	57.3	607.1
2011			8,085.8	85,645.6	2,869,023	52.8	559.3
2012			8,158.2	86,325.8	2,868,083	61.6	651.5
2013			8,277.1	87,968.6	2,860,345	47.3	501.0
2014			7,280.4	77,409.1	2,849,162	45.0	478.9
2015			7,607.6	81,067.9	2,844,334	42.6	453.1
2016			8,255.1	88,243.2	2,840,473	49.3	525.6
2017			8,527.5	90,996.2	2,844,257	54.9	585.9
2018			8,182.8	87,306.4	2,840,619	55.9	596.2
2019			8,564.6	91,397.6	2,834,509	50.8	543.1
2020			8,694.2	92,894.4	2,829,132	47.3	505.6
2021			9,433.7	100,737.5	2,820,013	55.1	588.4
2022			7,543.8	81,546.7	2,781,284	44.0	470.5
2023			6,758.6	73,742.4	2,752,442	41.4	450.0

* The last supply of town gas in the CR was discontinued in June 1996.

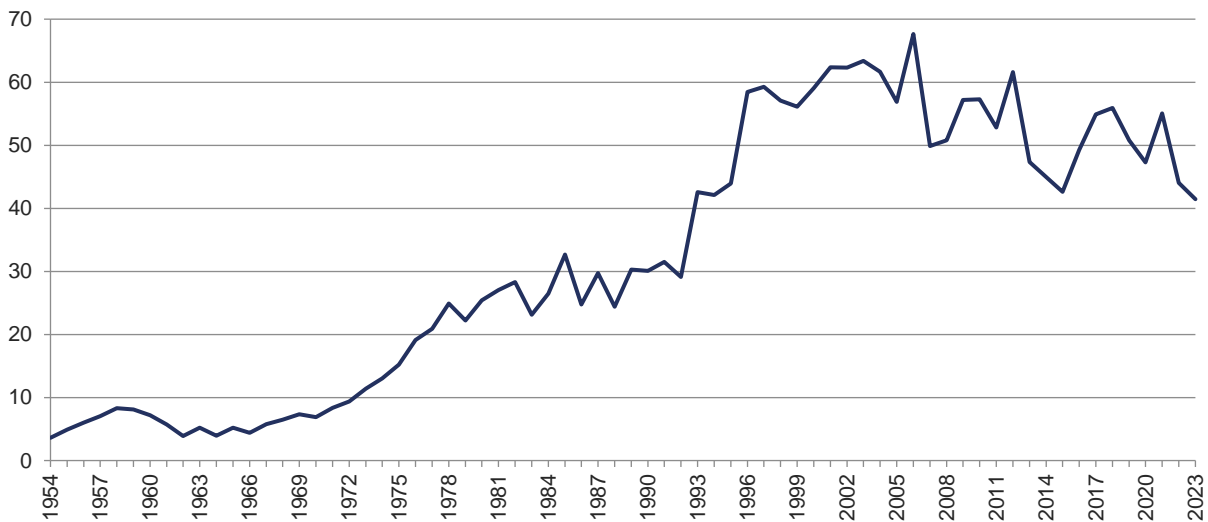
Actual annual consumption (million m³)



Number of customers



Maximum daily consumption (million m³)



12.2 Natural gas consumption by demand category in the Czech Republic over the last 70 years

Year	HD_C		MD_C		HD_C+MD_C		LD_C		DOM		LD_C+DOM		OG		Total	
	million m ³	GWh	million m ³	GWh	million m ³	GWh	million m ³	GWh	million m ³	GWh	million m ³	GWh	million m ³	GWh	million m ³	GWh
1954	73.2	768.2	0.0	0.0	73.2	768.2	0.6	6.0	0.7	7.9	1.3	13.8	1.5	15.5	75.9	797.5
1955	77.5	813.6	0.0	0.3	77.5	813.9	0.6	6.3	0.7	7.4	1.3	13.7	5.5	58.2	84.4	885.8
1956	86.0	903.3	0.0	0.0	86.0	903.3	1.0	10.0	1.3	13.5	2.2	23.4	0.4	3.8	88.6	930.6
1957	542.1	5,692.1	0.7	6.9	542.8	5,699.0	0.9	9.9	1.3	14.2	2.3	24.1	-11.8	-123.4	533.3	5,599.7
1958	784.4	8,236.1	0.3	3.0	784.7	8,239.1	1.4	14.6	1.6	16.9	3.0	31.5	-7.1	-74.3	780.6	8,196.2
1959	970.0	10,185.2	0.2	2.5	970.3	10,187.7	1.8	19.2	2.6	27.3	4.4	46.5	-11.4	-119.4	963.3	10,114.8
1960	925.5	9,717.3	0.2	2.0	925.6	9,719.3	2.9	30.5	3.9	41.4	6.8	71.9	-12.6	-132.7	919.9	9,658.5
1961	910.5	9,560.8	0.2	2.4	910.8	9,563.2	4.7	49.6	6.2	64.9	10.9	114.5	30.7	322.4	952.4	10,000.1
1962	705.9	7,411.6	0.1	1.4	706.0	7,413.0	5.8	60.4	9.0	94.2	14.7	154.6	29.9	313.5	750.6	7,881.1
1963	627.0	6,584.0	0.9	9.7	628.0	6,593.7	6.7	69.9	11.1	116.5	17.8	186.4	37.9	397.5	683.6	7,177.6
1964	556.4	5,842.5	1.2	12.8	557.6	5,855.3	6.9	72.4	12.4	130.1	19.3	202.5	38.0	398.9	614.9	6,456.7
1965	435.4	4,571.9	1.3	13.2	436.7	4,585.1	6.4	67.3	12.5	131.1	18.9	198.4	20.2	212.3	475.8	4,995.7
1966	473.4	4,970.9	2.4	25.0	475.8	4,995.9	6.3	65.8	13.5	141.4	19.7	207.1	5.4	56.7	500.9	5,259.7
1967	523.6	5,497.4	36.8	386.2	560.3	5,883.6	7.4	78.1	16.5	172.9	23.9	250.9	13.4	140.7	597.6	6,275.3
1968	619.4	6,503.3	61.6	646.7	681.0	7,150.0	8.9	93.5	19.1	200.1	28.0	293.5	24.1	253.5	733.1	7,697.1
1969	658.2	6,911.0	84.8	890.3	743.0	7,801.3	12.5	131.5	25.2	264.9	37.8	396.4	22.2	233.5	803.0	8,431.3
1970	701.3	7,363.8	107.1	1,124.2	808.4	8,488.0	15.8	165.6	31.8	334.1	47.6	499.7	24.9	261.0	880.8	9,248.8
1971	713.1	7,487.0	110.6	1,161.6	823.7	8,648.7	17.8	186.7	45.4	476.9	63.2	663.5	38.0	398.5	924.8	9,710.7
1972	729.5	7,659.5	123.2	1,293.3	852.7	8,952.9	27.3	286.7	56.5	593.0	83.8	879.6	24.2	254.3	960.6	10,086.8
1973	709.2	7,446.6	149.2	1,567.1	858.4	9,013.7	37.5	393.9	79.8	838.3	117.4	1,232.2	32.8	344.4	1,008.6	10,590.3
1974	810.2	8,506.9	171.7	1,802.8	981.9	10,309.7	49.0	514.1	97.9	1,027.8	146.8	1,541.8	27.5	288.4	1,156.2	12,139.9
1975	1,102.2	11,572.8	200.0	2,099.9	1,302.2	13,672.6	57.6	604.7	131.7	1,382.6	189.3	1,987.3	55.2	579.7	1,546.6	16,239.6
1976	1,286.1	13,504.4	349.0	3,664.5	1,635.1	17,168.8	85.1	893.4	172.4	1,810.4	257.5	2,703.8	13.4	140.5	1,906.0	20,013.1
1977	1,512.6	15,882.5	294.4	3,090.8	1,807.0	18,973.3	83.8	879.6	199.9	2,099.1	283.7	2,978.8	67.5	708.8	2,158.2	22,660.9
1978	1,724.0	18,102.0	369.9	3,884.2	2,093.9	21,986.2	103.2	1,083.8	269.7	2,832.2	373.0	3,916.0	68.1	714.8	2,535.0	26,617.0
1979	2,101.6	22,067.3	428.6	4,500.8	2,530.3	26,568.1	116.7	1,225.8	314.0	3,297.4	430.8	4,523.2	-20.9	-219.7	2,940.1	30,871.5
1980	2,346.2	24,634.8	517.4	5,431.6	2,863.6	30,066.4	127.1	1,334.8	378.0	3,969.1	505.1	5,303.8	44.8	469.9	3,413.5	35,840.2
1981	2,442.0	25,641.2	548.1	5,755.0	2,990.1	31,396.2	138.4	1,453.1	413.5	4,341.4	551.9	5,794.6	79.6	835.7	3,621.6	38,026.4
1982	2,764.2	29,024.3	632.7	6,643.7	3,397.0	35,668.0	149.2	1,567.0	492.2	5,168.2	641.4	6,735.1	152.5	1,601.1	4,190.9	44,004.2
1983	3,116.3	32,720.9	695.5	7,302.5	3,811.8	40,023.4	157.7	1,656.2	532.8	5,594.3	690.5	7,250.5	161.4	1,695.1	4,663.7	48,969.0
1984	3,167.7	33,260.6	795.3	8,351.1	3,963.0	41,611.7	191.1	2,007.0	657.0	6,898.6	848.2	8,905.7	174.4	1,831.5	4,985.6	52,348.9
1985	3,133.9	32,906.3	902.6	9,477.4	4,036.5	42,383.7	214.3	2,249.8	763.6	8,017.3	977.8	10,267.0	152.8	1,604.0	5,167.1	54,254.7
1986	3,343.5	35,107.2	981.5	10,305.2	4,325.0	45,412.5	250.6	2,630.8	829.7	8,711.4	1,080.2	11,342.2	163.9	1,721.1	5,569.1	58,475.8
1987	3,445.1	36,173.2	1,112.0	11,676.0	4,557.1	47,849.1	269.6	2,830.5	964.6	10,128.5	1,234.2	12,959.0	219.0	2,299.6	6,010.3	63,107.8
1988	3,601.6	37,816.3	1,165.7	12,240.0	4,767.3	50,056.4	284.2	2,983.6	971.6	10,201.5	1,255.7	13,185.1	169.8	1,783.2	6,192.8	65,024.7
1989	4,031.3	42,328.3	1,272.5	13,361.6	5,303.8	55,689.9	312.1	3,276.9	1,066.0	11,193.2	1,378.1	14,470.1	131.7	1,382.4	6,813.6	71,542.3
1990	4,137.5	43,443.6	1,393.7	14,634.1	5,531.2	58,077.7	330.4	3,468.7	1,144.6	12,018.2	1,475.0	15,487.0	132.3	1,389.3	7,138.5	74,953.9
1991	3,660.5	38,434.9	1,471.5	15,451.1	5,132.0	53,886.0	379.7	3,987.3	1,332.0	13,986.5	1,711.8	17,973.8	236.1	2,479.5	7,079.9	74,339.3
1992	3,332.2	34,988.6	1,530.1	16,065.7	4,862.3	51,054.3	362.5	3,805.9	1,247.8	13,101.9	1,610.3	16,907.8	337.4	3,542.4	6,809.9	71,504.4
1993	3,126.9	32,832.4	1,796.3	18,861.5	4,923.2	51,693.9	414.1	4,348.1	1,464.3	15,374.9	1,878.4	19,723.0	262.4	2,755.7	7,064.1	74,172.6

Year	HD_C		MD_C		HD_C+MD_C		LD_C		DOM		LD_C+DOM		OG		Total	
	million m ³	GWh	million m ³	GWh	million m ³	GWh	million m ³	GWh	million m ³	GWh	million m ³	GWh	million m ³	GWh	million m ³	GWh
1994	2,894.5	30,392.0	1,841.6	19,336.6	4,736.1	49,728.6	514.2	5,399.1	1,534.3	16,110.1	2,048.5	21,509.2	274.2	2,879.2	7,058.8	74,117.0
1995	3,195.3	33,550.9	2,065.8	21,690.7	5,261.1	55,241.6	620.3	6,513.2	2,045.9	21,481.9	2,666.2	27,995.1	147.2	1,545.6	8,074.5	84,782.3
1996	3,378.2	35,471.3	2,427.8	25,490.0	5,806.0	60,961.3	765.4	8,036.9	2,585.4	27,145.5	3,350.8	35,182.4	149.6	1,570.7	9,306.4	97,714.4
1997	3,458.9	36,318.5	2,419.1	25,401.1	5,878.0	61,719.6	757.0	7,948.8	2,602.1	27,322.1	3,359.1	35,270.9	203.9	2,140.9	9,441.0	99,131.4
1998	3,361.5	35,295.8	2,400.5	25,205.1	5,762.0	60,500.9	764.9	8,031.6	2,725.9	28,621.8	3,490.8	36,653.4	136.8	1,436.5	9,389.6	98,590.8
1999	3,486.8	36,610.4	2,262.6	23,758.2	5,749.4	60,368.6	837.9	8,798.0	2,774.6	29,133.2	3,612.5	37,931.2	65.0	682.5	9,426.9	98,982.3
2000	3,605.2	37,854.9	1,939.3	20,362.3	5,544.5	58,217.2	770.2	8,087.1	2,756.0	28,938.0	3,526.2	37,025.1	77.2	810.6	9,147.9	96,052.9
2001	3,586.7	37,660.4	2,141.2	22,482.3	5,727.9	60,142.6	914.8	9,605.0	3,127.7	32,841.0	4,042.5	42,446.0	2.2	23.1	9,772.6	102,611.7
2002	3,115.7	32,714.8	2,367.9	24,863.7	5,483.6	57,578.5	987.9	10,372.4	2,963.6	31,117.8	3,951.4	41,490.2	107.1	1,124.5	9,542.1	100,193.2
2003	3,016.1	31,669.0	2,416.4	25,560.5	5,432.5	57,229.5	1,041.4	10,934.2	3,124.1	32,946.8	4,165.4	43,881.0	141.4	1,489.6	9,739.3	102,600.1
2004	3,089.1	32,435.4	2,366.3	25,110.9	5,455.4	57,546.3	1,025.5	10,767.7	3,076.5	32,501.8	4,102.0	43,269.5	134.9	1,420.8	9,692.3	102,236.6
2005	4,298.0	45,318.1	989.0	10,428.0	5,287.0	55,746.1	1,257.2	13,255.9	2,832.1	29,861.7	4,089.3	43,117.6	186.5	1,965.9	9,562.8	100,829.6
2006	4,210.2	44,432.2	902.1	9,517.6	5,112.3	53,949.8	1,189.0	12,543.5	2,796.1	29,497.9	3,985.1	42,041.4	172.0	1,814.7	9,269.4	97,805.9
2007	4,003.4	42,231.4	864.4	9,119.9	4,867.8	51,351.3	1,119.4	11,811.0	2,494.7	26,327.1	3,614.1	38,138.1	170.7	1,800.8	8,652.6	91,290.2
2008	3,984.7	42,197.3	854.1	9,013.6	4,838.8	51,210.9	1,157.9	12,176.8	2,508.5	26,384.7	3,666.4	38,561.5	180.0	1,900.7	8,685.2	91,673.1
2009	3,421.5	36,171.1	821.7	8,678.1	4,243.2	44,849.2	1,186.2	12,526.4	2,514.5	26,549.0	3,700.7	39,075.4	217.4	2,291.6	8,161.3	86,216.2
2010	3,650.0	38,677.4	881.0	9,332.8	4,531.0	48,010.2	1,365.5	14,465.3	2,905.5	30,785.7	4,271.0	45,250.9	177.2	1,877.3	8,979.2	95,138.4
2011	3,544.5	37,545.7	782.9	8,290.2	4,327.4	45,835.9	1,159.8	12,283.1	2,443.9	25,889.0	3,603.8	38,172.1	154.6	1,637.6	8,085.8	85,645.6
2012	3,542.7	37,484.9	801.4	8,478.2	4,344.2	45,963.1	1,196.7	12,661.5	2,469.0	26,131.0	3,665.6	38,792.4	148.4	1,570.2	8,158.2	86,325.8
2013	3,627.3	38,572.4	819.1	8,704.0	4,446.5	47,276.5	1,204.2	12,790.8	2,473.7	26,279.1	3,678.0	39,069.9	152.6	1,622.2	8,277.1	87,968.6
2014	3,410.4	36,263.8	713.0	7,578.0	4,123.4	43,841.8	980.6	10,423.6	1,999.1	21,252.7	2,979.8	31,676.3	177.3	1,891.0	7,280.4	77,409.1
2015	3,522.8	37,559.6	740.5	7,890.5	4,263.3	45,450.2	1,057.2	11,257.7	2,171.1	23,123.1	3,228.3	34,380.8	116.0	1,237.0	7,607.6	81,067.9
2016	3,836.4	41,022.7	801.5	8,566.8	4,637.9	49,589.5	1,152.7	12,316.8	2,368.5	25,309.2	3,521.1	37,626.0	96.1	1,027.6	8,255.1	88,243.2
2017	3,847.7	41,058.7	905.8	9,665.1	4,753.6	50,723.8	1,238.8	13,218.1	2,427.3	25,902.1	3,666.0	39,120.2	107.9	1,152.2	8,527.5	90,996.2
2018	3,854.9	41,132.7	802.3	8,559.0	4,657.2	49,691.8	1,117.9	11,925.8	2,275.6	24,278.8	3,393.6	36,204.6	132.0	1,410.0	8,182.8	87,306.4
2019	4,200.7	44,813.1	838.0	8,942.6	5,038.7	53,755.7	1,201.5	12,826.3	2,173.2	23,200.4	3,374.7	36,026.7	151.2	1,615.2	8,564.6	91,397.6
2020	4,268.3	45,620.8	840.4	8,977.6	5,108.7	54,598.4	1,197.7	12,792.3	2,245.5	23,983.6	3,443.3	36,775.8	142.2	1,520.2	8,694.2	92,894.4
2021	4,565.7	48,749.3	914.0	9,759.4	5,479.7	58,508.7	1,309.7	13,986.1	2,518.7	26,898.8	3,828.4	40,884.9	125.7	1,343.9	9,433.7	100,737.5
2022	3,611.2	39,073.1	739.7	7,995.2	4,351.0	47,068.3	1,077.5	11,638.5	1,992.3	21,510.4	3,069.8	33,148.9	123.0	1,329.5	7,543.8	81,546.7
2023	3,258.0	35,583.3	665.7	7,263.7	3,923.8	42,847.0	974.8	10,623.1	1,761.9	19,203.4	2,736.8	29,826.5	98.0	1,069.0	6,758.6	73,742.4

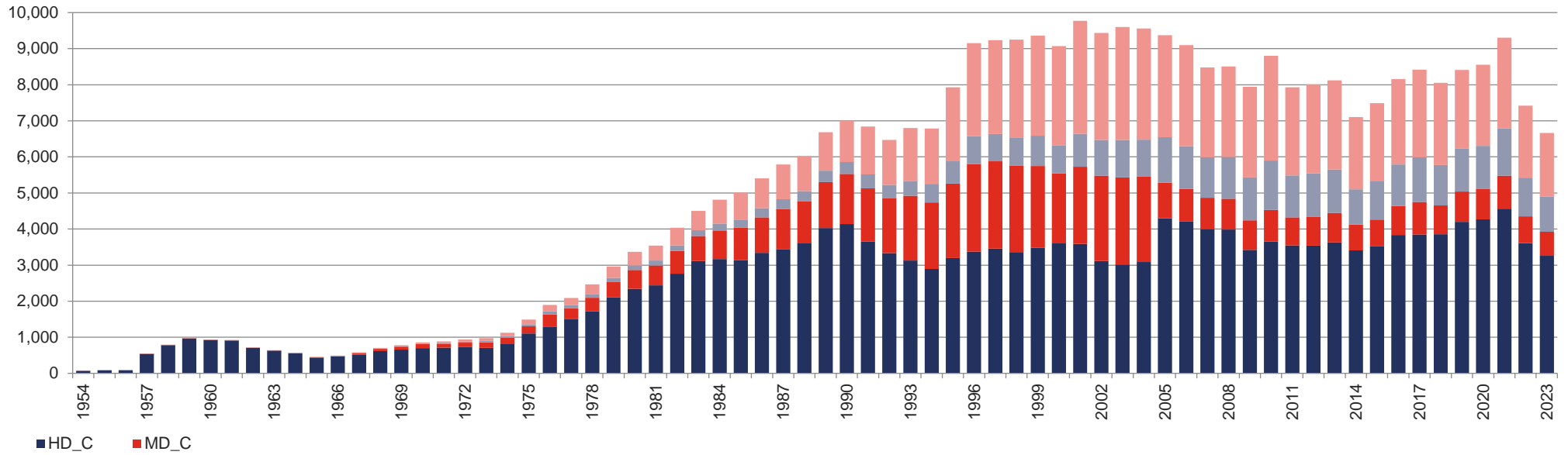
Note:

From 1954 to 1996, natural gas supply for town gas production was added to the high demand category.

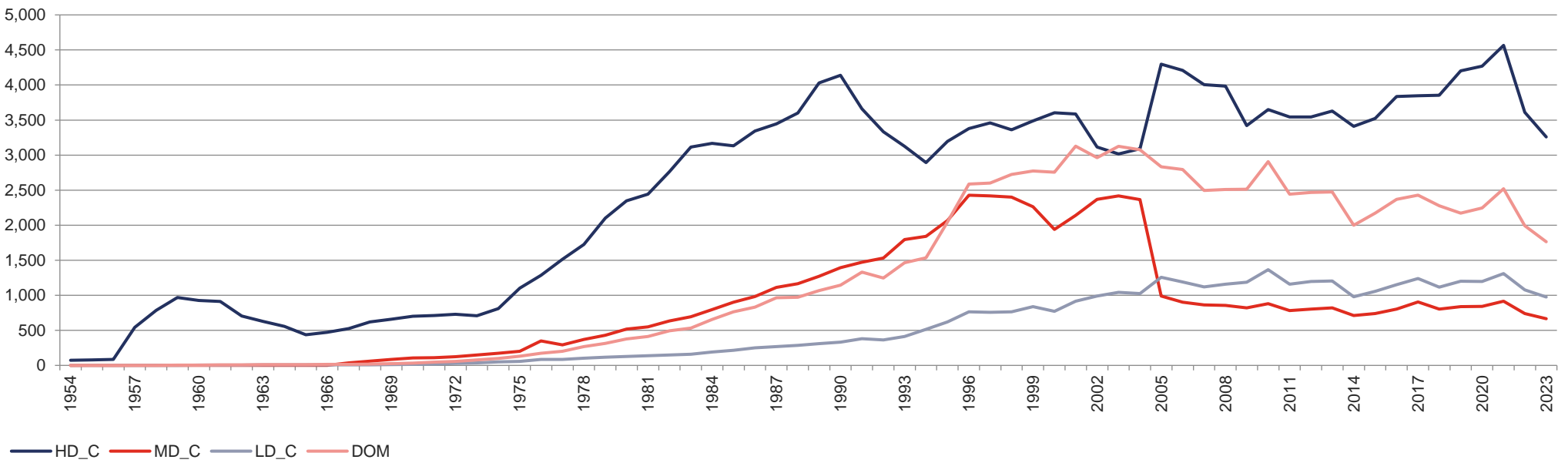
From 1981 to 2004, the high demand category (gas supply from long-distance pipelines) and medium demand category (gas supply from local networks) were determined based on different criteria.

Natural gas supply to CNG stations and natural gas consumption for electricity generation are included in the relevant demand category.

Total natural gas consumption by demand category (million m³)



Distributed gas quantity in each demand category (million m³)

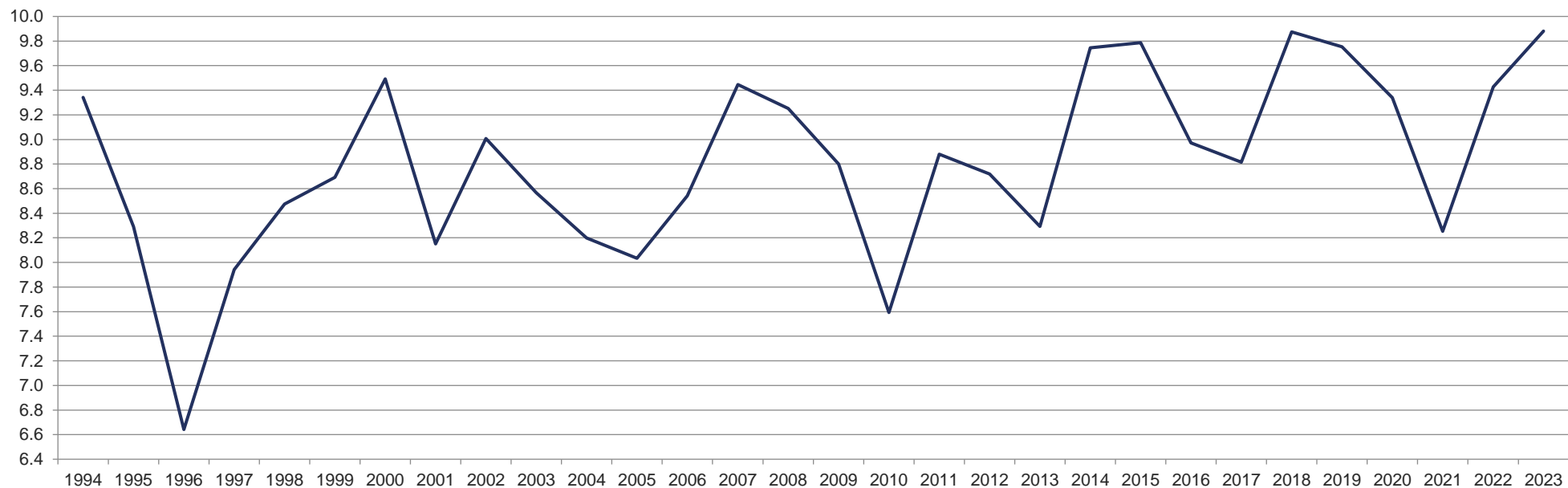


12.3 Average air temperature in the Czech Republic over the last 30 years

Average air temperature in the CR (°C)

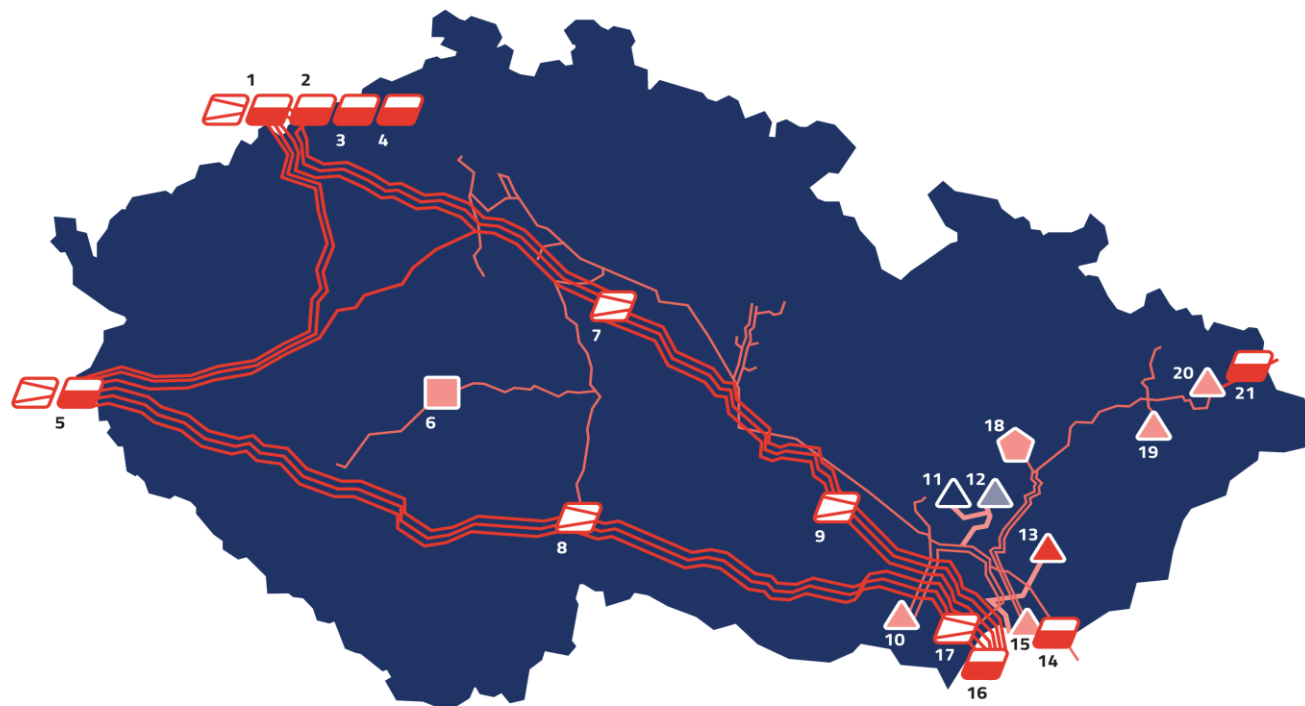
Period	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
January	2.1	-1.6	-4.5	-4.5	0.4	-0.2	-2.1	-1.3	-1.1	-2.2	-3.7	0.0	-6.0	3.6	1.7	-3.7	-4.7	-0.9	0.1	-1.6	0.7	1.2	-1.2	-5.6	2.0	-1.5	0.4	-0.9	0.8	2.2
February	-0.8	3.5	-4.5	1.7	2.9	-1.3	2.4	0.5	3.7	-4.1	0.8	-3.3	-2.7	3.2	2.6	-0.6	-1.4	-1.7	-4.9	-1.0	2.3	0.2	3.6	1.2	-3.3	1.8	4.0	-0.7	3.1	1.4
March	5.9	2.5	-0.6	3.9	3.0	4.7	3.9	3.8	4.5	3.7	2.8	1.2	0.4	5.5	3.4	3.6	3.1	4.1	5.4	-0.1	6.5	4.3	3.8	6.1	1.0	5.8	4.1	2.8	3.3	4.9
April	8.1	8.5	7.9	5.2	9.7	9.0	11.3	7.2	7.9	7.6	9.1	9.3	8.6	10.6	8.3	12.3	8.5	10.8	8.8	8.6	10.0	8.2	8.1	7.1	13.0	9.7	9.4	5.7	6.6	6.7
May	12.9	12.6	13.0	13.5	13.7	13.8	15.1	14.6	15.8	15.4	11.7	13.3	13.1	14.8	13.9	13.6	11.9	13.7	14.9	12.4	12.3	12.8	13.6	14.1	16.5	10.9	11.2	10.8	14.5	12.8
June	16.8	15.0	16.4	16.5	17.2	15.6	17.7	14.5	17.7	19.7	15.7	16.4	17.3	18.5	17.8	15.3	17.0	17.4	17.4	16.2	16.6	16.7	17.6	18.4	17.7	21.0	16.6	19.1	19.0	17.5
July	21.5	20.5	16.0	16.9	17.5	19.0	15.9	18.3	19.0	18.7	17.5	18.3	21.7	18.7	18.4	18.5	20.4	16.8	18.8	19.8	19.6	20.9	18.9	18.8	20.0	19.1	18.0	19.0	18.9	19.9
August	18.6	17.7	16.9	18.6	17.5	17.1	18.8	18.6	18.9	20.5	18.5	16.2	15.5	18.1	17.9	18.8	17.5	18.3	18.6	18.2	16.1	21.8	17.3	19.0	20.9	19.2	19.0	16.3	19.4	18.8
September	14.2	12.3	10.1	13.1	12.8	16.3	12.9	11.6	12.2	13.6	13.2	14.4	15.8	11.7	12.4	15.1	11.7	14.9	13.7	12.2	14.3	13.5	16.0	12.0	14.7	13.5	14.2	14.4	12.2	16.7
October	6.4	10.2	9.1	6.5	8.4	8.4	11.3	11.6	7.2	5.3	9.6	9.3	10.4	7.5	8.6	7.6	6.4	8.2	7.8	9.2	10.3	8.2	7.6	9.7	10.1	9.6	9.2	8.2	10.8	11.3
November	5.3	0.7	4.7	3.0	0.3	2.0	5.8	1.8	5.1	5.0	3.6	2.3	5.9	1.8	4.9	5.8	5.4	2.7	5.4	4.3	6.3	5.9	2.8	3.9	4.4	5.8	4.0	3.8	4.2	4.3
December	1.1	-2.4	-4.8	0.9	-1.7	-0.1	0.9	-3.4	-2.8	-0.4	-0.4	-1.0	2.5	-0.6	1.1	-0.7	-4.6	2.2	-1.2	1.4	1.9	3.5	-0.4	1.0	1.4	2.1	1.9	0.6	0.4	2.2
1Q	2.4	1.5	-3.2	0.4	2.1	1.1	1.4	1.0	2.4	-0.9	0.0	-0.7	-2.8	4.1	2.6	-0.2	-1.0	0.5	0.2	-0.9	3.2	1.9	2.1	0.6	-0.1	2.0	2.8	0.4	2.4	2.8
2Q	12.6	12.0	12.4	11.7	13.5	12.8	14.7	12.1	13.8	14.2	12.2	13.0	13.0	14.6	13.3	13.7	12.5	14.0	13.7	12.4	13.0	12.6	13.1	13.2	15.7	13.9	12.4	11.9	13.4	12.3
3Q	18.1	16.8	14.3	16.2	15.9	17.5	15.9	16.2	16.7	17.6	16.4	16.3	17.7	16.2	16.2	17.5	16.5	16.7	17.0	16.7	16.7	18.7	17.4	16.6	18.5	17.3	17.1	16.6	16.8	18.5
4Q	4.3	2.8	3.0	3.5	2.3	3.4	6.0	3.3	3.2	3.3	4.3	3.5	6.3	2.9	4.9	4.2	2.4	4.4	4.0	5.0	6.2	5.9	3.4	4.9	5.3	5.8	5.0	4.2	5.2	5.9
1H	7.5	6.8	4.6	6.1	7.8	6.9	8.1	6.6	8.1	6.7	6.1	6.2	5.1	9.4	8.0	6.8	5.7	7.2	6.9	5.7	8.1	7.3	7.6	6.9	7.8	8.0	7.6	6.1	7.9	7.6
2H	11.2	9.8	8.7	9.8	9.1	10.5	10.9	9.8	9.9	10.5	10.3	9.9	12.0	9.5	10.6	10.9	9.5	10.5	10.5	10.9	11.4	12.3	10.4	10.7	11.9	11.6	11.0	10.4	11.0	12.2
Year	9.3	8.3	6.6	7.9	8.5	8.7	9.5	8.2	9.0	8.6	8.2	8.0	8.5	9.4	9.3	8.8	7.6	8.9	8.7	8.3	9.7	9.8	9.0	8.8	9.9	9.8	9.3	8.3	9.4	9.9

Annual average air temperature in the CR (°C)



13 MAP OF THE CZECH GAS SYSTEM

The gas transmission system and storage facilities in the CR



- ▲ Gas Storage CZ, s.r.o.
- ▲ MND Energy Storage a.s.
- ▲ SPP Storage, s.r.o.
- ▲ Moravia Gas Storage a.s.
- △ UGS in a depleted field
- UGS in a granite cavern
- ◊ UGS in an aquifer

- ▭ Compression station (KS)
- ▭ Cross-border delivery station (HPS)
- The gas transit system
- The national gas transmission system
- UGS connection to the transmission system

- | | |
|------------------------------------|---------------------|
| 1 HPS Brandov – STEGAL – Olbernhau | 12 Uhřetice |
| 2 HPS Brandov – OPAL | 13 Dolní Bojanovice |
| 3 HPS Hora Svaté Kateřiny (Sayda) | 14 HPS Mokřý Háj |
| 4 HPS EUGAL | 15 Tvrdonice |
| 5 HPS Waidhaus | 16 HPS Lanžhot |
| 6 Háj | 17 KS Břeclav |
| 7 KS Kouřim | 18 Lobodice |
| 8 KS Veselí nad Lužnicí | 19 Štramberk |
| 9 KS Kralice | 20 Třanovice |
| 10 Dolní Dunajovice | 21 HPS Cieszyń |
| 11 Dambořice | |

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