

YEARLY REPORT ON THE OPERATION OF THE CZECH GAS SYSTEM 2022



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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 2022. 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 2022 follows up on the ERO's earlier reports released in preceding years and offers information about the gas industry's key statistics for 2022, 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 2022 relies on the data in the report for Q4 2022 and contains some more accurate data.

1 ABBREVIATIONS AND DEFINITIONS

Balancing difference in the TS	Daily physical gas quantity for fuelling compression stations (fuel gas) plus other gas, which represents unmeasured values of the difference-causing quantities in the total balance in the transmission system
Actual	Actually metered natural gas consumption
Adjusted	Natural gas consumption adjusted to the long-term normal temperature determined by the Czech Hydrometeorological Institute
BTS	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
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 GS	MND Gas 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
RWE GS	RWE Gas Storage CZ, s.r.o. – a company operating UGS facilities
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

Despite the adverse events in the energy sector caused by Russia's invasion of Ukraine, in 2022 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 27,085 million m³ (290,582 GWh) in 2022, down by 40.7% 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 delivery 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 18,473 million m³ (197,673 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 amounted to 1,963 million m³ (21,053 GWh). On the other hand, natural gas flows into the gas storage facilities (gas injection) amounted to 3,213 million m³ (34,579 GWh). In the storage facilities located in the Czech Republic, operating gas stores amounted to 2,922 million m³ (31,503 GWh) at the end of the year. Separate gas flows from/into storage facilities in 2022 and for the last ten years are shown in Chapter 4.

Natural gas production in the Czech Republic amounted to 148 million m³ (1,608 GWh), meeting 2% of total gas consumption. Natural gas production rose by 15.9% 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 2022, natural gas consumption in the Czech Republic totalled 7,544 million m³, i.e. 81,547 GWh (in the Czech Republic, the average gross calorific value was 10.81 kWh/m³, i.e. 38.92 MJ/m³). Compared with 2021, actual consumption decreased by 20%. The average annual temperature was 9.4 °C, and the difference from long-term normal temperature was +0.9 °C and from average temperature in 2021 it differed by +1.2 °C. Gas consumption in the heating season accounted for around 68% of the total annual consumption. The lowest monthly consumption was measured in July (289 million m³, i.e. 3,139 GWh), while the peak consumption was registered in January (1,134 million m³, i.e. 12,119 GWh). An increase in consumption compared with the same period of 2021 was registered in all months of the year under review, most of all in May (33.3%). Adjusted to long-term normal temperature using temperature gradients, in 2022 natural gas consumption amounted to 7,782 million m³, i.e. 84,120 GWh, down by 16.5% year-on-year. Chapter 6 offers an overall evaluation of natural gas consumption in the Czech Republic in 2022, including a year-on-year comparison, development of consumption over the past ten years, and ambient temperatures.

Despite minor variations, natural gas consumption in the Czech Republic was gradually increasing over the last ten years. The difference between the highest consumption in 2021 and the lowest consumption in 2014 was approximately 2.2 bcm (23.3 TWh). With its total consumption of 7.5 bcm (81.5 TWh), 2022 truncated this increase by the largest ever drop in consumption, specifically by 20%; this indicates the lowest gas consumption over the last eight years. While 2021 saw the highest value from 2005, consumption in 2022 was affected by 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 almost 1.9 bcm (19.2 TWh), i.e. by 20% year-on-year. Natural gas consumption in the Czech Republic is 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, except for 2021 when temperatures declined by several tenths of a degree below this long-term value. At the same time, a change of 1 °C in the average annual temperature causes a difference of about 300 million m³ (3,240 GWh) in gas consumption.

The daily temperature gradient, which indicates the change in gas consumption caused by a unit change in temperature, ranged from 0.637 to 1.524 million m³/day/°C (6,980 to 16,606 MWh/day/°C) throughout the 2022 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 0.017 million m³/day/°C (185 MWh/day/°C). Daily gas consumption in 2022 ranged from 7.090 to 44.045 million m³ (77,102 to 470,538 MWh) with the ratio of the lowest and highest consumption amounting to 6.2:1. The maximum daily consumption of natural gas of 44.045 million m³ (470,538 MWh) was recorded on Tuesday 11 January, when the average daily temperature was -3.8 °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 2.107 million m³ (22,505 MWh) while the average temperature was -4.8 °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 2022 the high-demand category took the largest share (as usual) of total gas consumption, 47.9%, followed by the household category with 26.4%, the low-demand category with 14.3%, and the medium-demand category with 9.8%. Other gas, which includes own use, losses, changes in the line pack in distribution systems, and gas producers' own use, accounted for 1.6% of the country's total gas consumption. In terms of gas use, the business sector took the largest share of total consumption: 49.3%, followed by households: 26.4%, heat production: 13.4%, electricity generation: 8.1%, and supply to CNG stations: 1.2%. The largest drop was recorded in gas consumption for electricity generation, specifically by more than 50%. Chapter 8 shows the total share of each of the demand categories in total natural gas consumption in the Czech Republic in 2022 and over the past ten years.

As at 31 December 2022, a total of 2,781,284 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 79,061. In 2022, the number of customers declined by 38,729 year-on-year, which is the largest ever drop. The largest number of connected customers over the last ten years, 2,860,345, was seen in 2013. 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 1953 and 2022. 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. 99.5 TWh. However, this increase was truncated in 2022 by the warfare developments in Ukraine and the associated impacts on the energy sector. 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 1993 and 2022.

3 GAS SYSTEM

3.1 Yearly balance in the Czech gas system

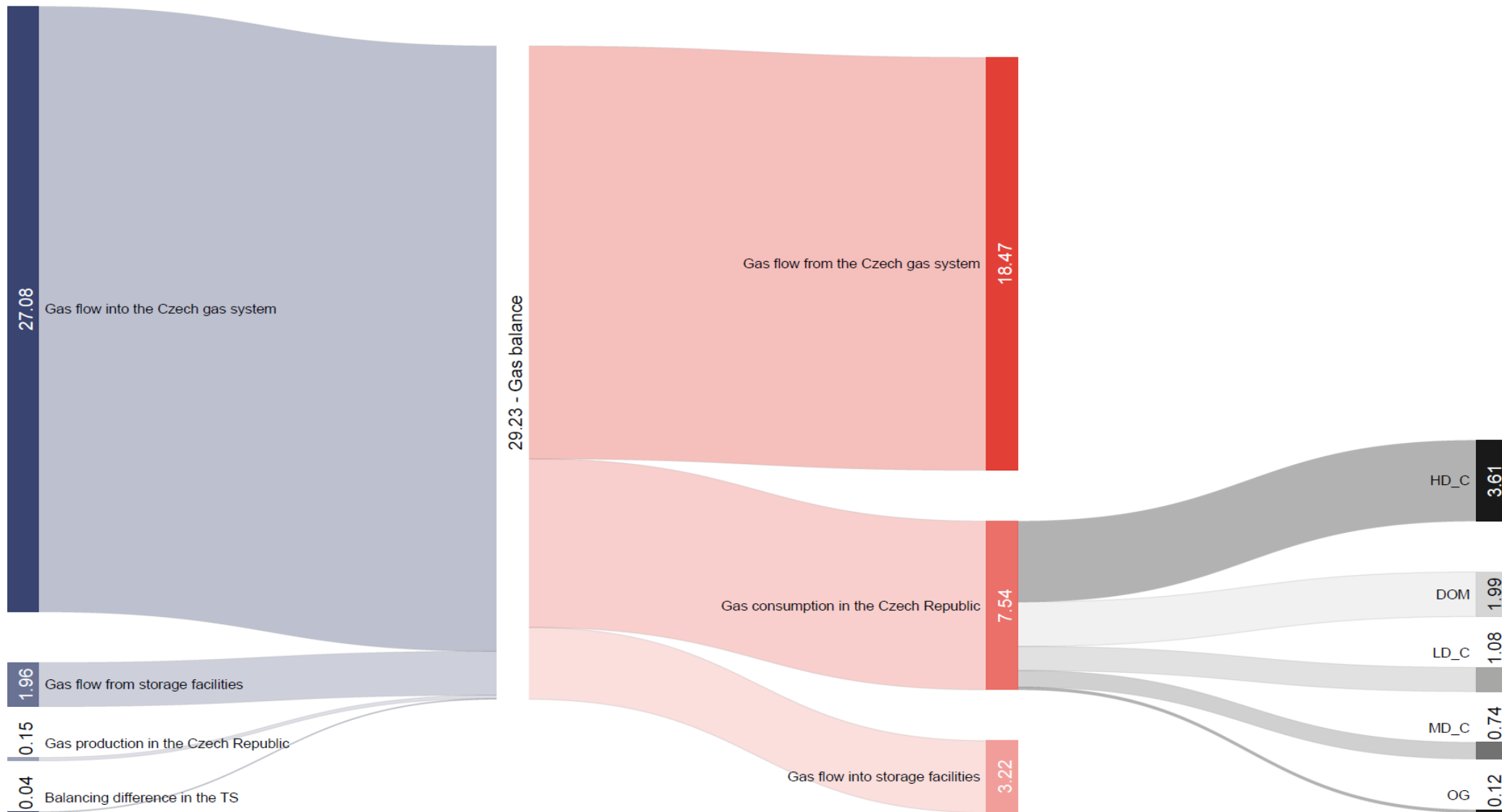


		th m ³ /yr	MWh/yr	Aggregate gas quantity in thousands m ³ /day	
Gas flow into/from the Czech gas system	Into CR	Via BTS	27,083,087	290,566,266	
		Via PPL	1,483	16,193	
		Total	27,084,570	290,582,459	
	From CR	Via BTS	18,471,389	197,660,385	
		Via PPL	1,171	12,765	
		Total	18,472,561	197,673,150	
Net balance into/from CR	Via BTS	8,611,698	92,905,881		
	Via PPL	311	3,428		
	Total	8,612,009	92,909,309		
Gas flow from/into UGS that form part of the Czech gas system	From UGS	RWE GS	1,499,140	16,042,382	
		MND GS	203,850	2,193,515	
		Moravia GS	260,364	2,816,331	
		Total	1,963,354	21,052,228	
	Into UGS	RWE GS	2,503,660	26,866,423	
		MND GS	274,351	2,960,575	
		Moravia GS	439,762	4,802,597	
		Total	3,217,773	34,629,595	
	Net balance from/into UGS	RWE GS	-1,004,521	-10,824,040	
		MND GS	-70,500	-767,060	
Moravia GS		-179,398	-1,986,266		
Total		-1,254,419	-13,577,367		
Total stores in UGS		2,922,196	31,503,432		
Gas production in the CR	Connected to RDS	From VP to DS	136,170	1,478,712	
		VS	1,806	21,938	
		Total	137,976	1,500,650	
	Connected to LDS	From VP to DS	10,187	106,936	
		VS	15	162	
		Total	10,202	107,098	
Total	From VP to DS	146,356	1,585,648		
	VS	1,822	22,100		
	Total	148,178	1,607,748		
Gas consumption in the CR	Consumption in RDS	Customers	7,018,114	75,842,271	
		OG	109,719	1,183,779	
		Total	7,127,834	77,026,049	
	Consumption in LDS not included in RDS	Customers	10,087	105,860	
		OG	15	162	
		Total	10,103	106,022	
	Gas production (VS)		1,806	21,938	
	Customers connected directly to TS		392,570	4,269,054	
	Total CR	Customers	7,420,771	80,217,184	
		OG+VS+PKS	122,991	1,329,514	
Total		7,543,762	81,546,698		
Balancing difference in the TS		37,994	607,008		

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 unmetered values of the difference-causing quantities in the total balance in the transmission system.

3.2 Yearly balance in the Czech gas system - diagram

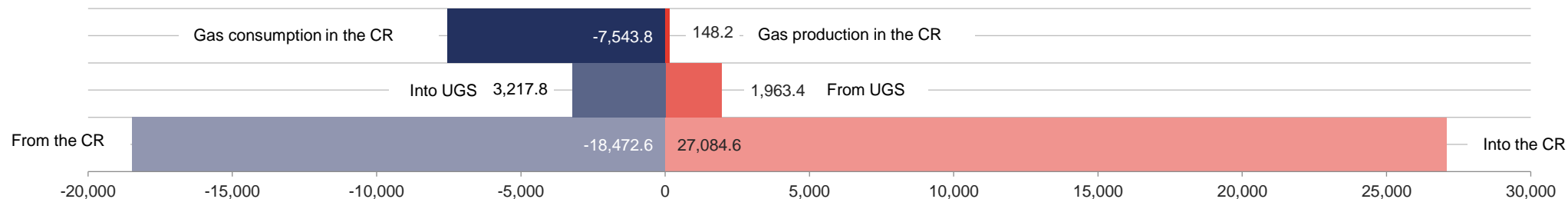
Gas balance for 2022 (bcm)



3.3 Balance in the Czech gas system in 2022

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	3,368.4	2,936.9	431.6	678.6	2.2	676.4	12.4	13.9	1,134.3	35,946.5	31,350.2	4,596.4	7,240.7	23.5	7,217.2	134.9	170.3	12,118.8
February	3,030.9	2,527.8	503.1	384.9	13.7	371.2	10.9	5.3	890.5	32,344.4	26,981.2	5,363.1	4,108.9	146.8	3,962.1	118.7	83.1	9,527.0
March	3,740.1	3,041.2	698.8	267.3	82.8	184.5	12.2	27.1	922.6	39,968.9	32,474.9	7,494.0	2,860.9	885.9	1,975.0	132.2	308.2	9,909.5
April	3,646.3	2,450.7	1,195.5	58.1	584.0	-525.8	11.4	-9.8	671.4	38,983.4	26,179.5	12,803.9	622.8	6,238.7	-5,615.9	123.5	-73.5	7,238.0
May	3,600.6	2,386.8	1,213.8	0.0	843.4	-843.4	12.3	6.1	388.9	38,454.3	25,494.6	12,959.7	0.0	9,010.2	-9,010.2	133.5	96.6	4,179.7
June	2,992.1	2,183.8	808.3	1.1	488.8	-487.8	12.3	3.5	336.4	32,016.8	23,344.8	8,672.0	11.3	5,233.3	-5,222.1	133.7	65.9	3,649.5
July	1,764.6	1,059.5	705.0	1.0	419.2	-418.2	12.8	-11.0	288.6	18,995.6	11,372.5	7,623.0	10.5	4,537.4	-4,527.0	138.4	-95.6	3,138.9
August	1,260.4	841.7	418.7	2.0	132.5	-130.5	12.1	10.8	311.1	13,573.8	9,053.7	4,520.1	21.2	1,427.8	-1,406.6	131.5	132.6	3,377.6
September	776.2	253.6	522.6	3.6	156.1	-152.5	12.0	1.3	383.4	8,502.5	2,770.1	5,732.4	38.7	1,700.6	-1,661.9	130.3	-5.6	4,195.3
October	1,243.3	436.4	806.9	0.0	312.1	-312.0	13.4	-0.7	507.6	13,613.8	4,778.0	8,835.9	0.5	3,422.5	-3,422.0	145.3	4.4	5,563.6
November	1,046.5	298.5	748.0	90.4	98.6	-8.2	13.0	-9.8	743.0	11,448.8	3,269.7	8,179.2	979.8	1,078.4	-98.6	140.8	-100.3	8,121.1
December	615.2	55.6	559.6	476.4	84.5	391.9	13.3	1.3	966.2	6,733.6	604.1	6,129.5	5,157.0	924.5	4,232.5	145.0	20.7	10,527.8
1Q	10,139.4	8,505.9	1,633.5	1,330.8	98.8	1,232.1	35.6	46.2	2,947.4	108,259.8	90,806.3	17,453.6	14,210.5	1,056.2	13,154.3	385.7	561.7	31,555.2
2Q	10,239.0	7,021.3	3,217.6	59.2	1,916.2	-1,857.0	36.1	-0.1	1,396.6	109,454.5	75,018.8	34,435.6	634.1	20,482.2	-19,848.1	390.6	89.0	15,067.2
3Q	3,801.2	2,154.9	1,646.3	6.5	707.7	-701.2	36.9	1.0	983.0	41,071.9	23,196.3	17,875.6	70.3	7,665.8	-7,595.5	400.3	31.5	10,711.8
4Q	2,905.1	790.5	2,114.6	566.8	495.1	71.7	39.6	-9.1	2,216.7	31,796.2	8,651.7	23,144.5	6,137.3	5,425.4	711.9	431.1	-75.1	24,212.5
1H	20,378.3	15,527.2	4,851.1	1,390.0	2,014.9	-624.9	71.7	46.1	4,344.0	217,714.3	165,825.1	51,889.2	14,844.6	21,538.4	-6,693.8	776.4	650.6	46,622.4
2H	6,706.2	2,945.3	3,760.9	573.3	1,202.8	-629.5	76.5	-8.1	3,199.8	72,868.1	31,848.0	41,020.1	6,207.6	13,091.1	-6,883.5	831.4	-43.6	34,924.3
Year	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

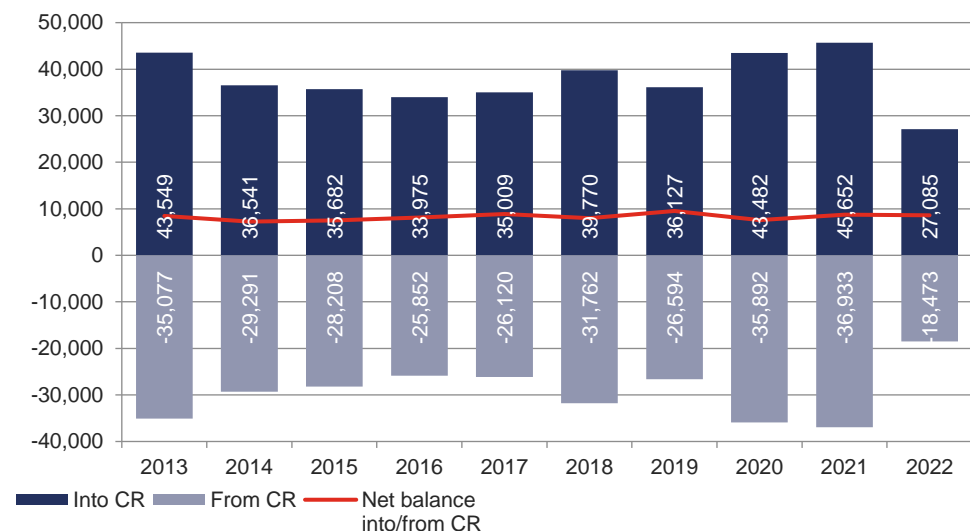
Gas flows (million m³)



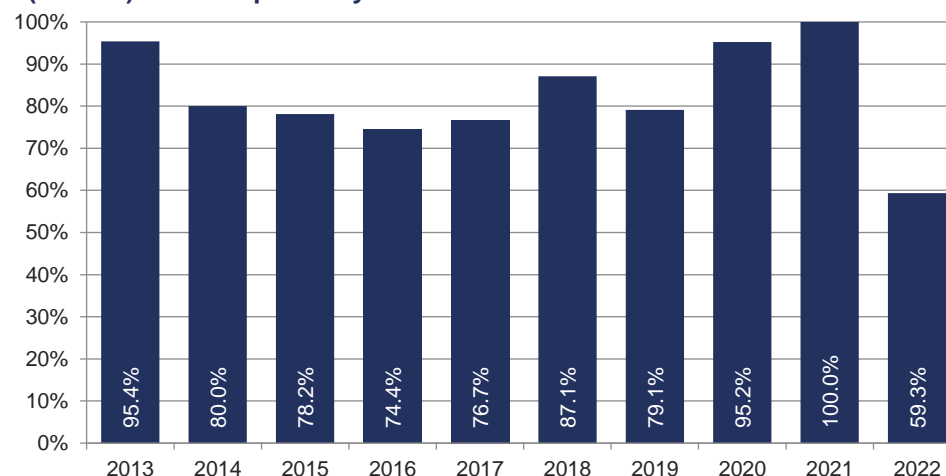
3.4 Balance in the Czech gas system over the last 10 years

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			
2013	43,548.7	35,077.5	8,471.3	2,231.3	2,477.4	-246.1	163.4	-111.5	8,277.1	462,167.0	372,093.3	90,073.8	23,677.8	26,513.4	-2,835.6	1,773.9	-1,043.4	87,968.6
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

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



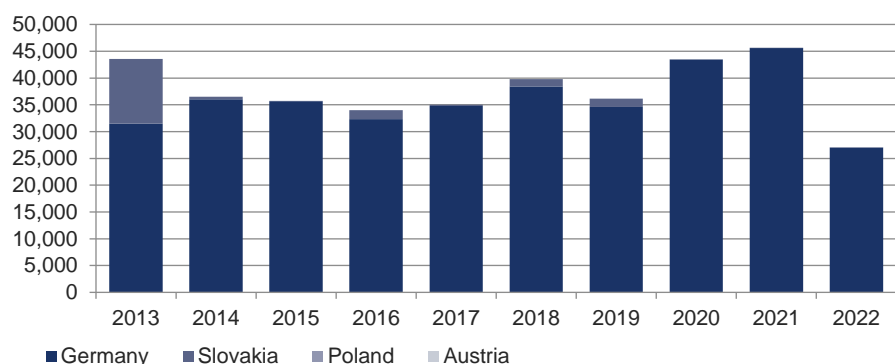
Annual gas inflows into the CR: their percentages of the largest gas flow (in 2021) over the past 10 years



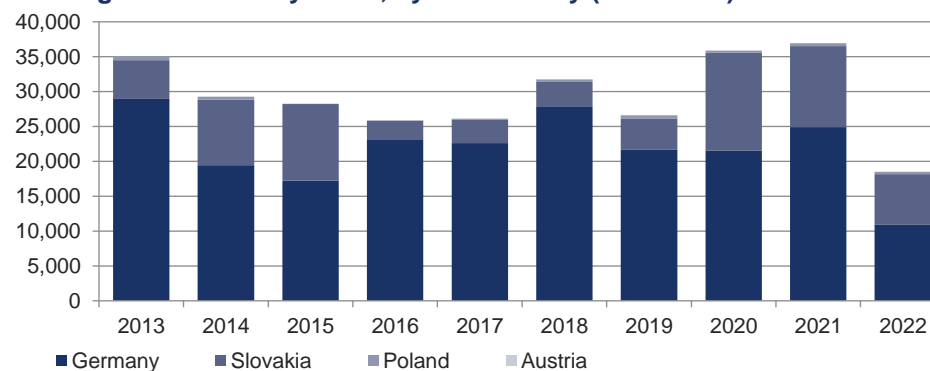
3.5 Gas flow into/from the Czech gas system, including DS, by entry/exit country over the last 10 years

Period	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	2013	31,484.9	12,063.9	0.0	0.0	43,548.7	28,960.2	5,522.0	595.2	0.0	35,077.5	2,524.6	6,541.8	-595.2	0.0	8,471.3
	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
GWh	2013	333,485.9	128,681.1	0.0	0.0	462,167.0	307,072.7	58,697.2	6,323.4	0.0	372,093.3	26,413.2	69,984.0	-6,323.4	0.0	90,073.8
	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

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)

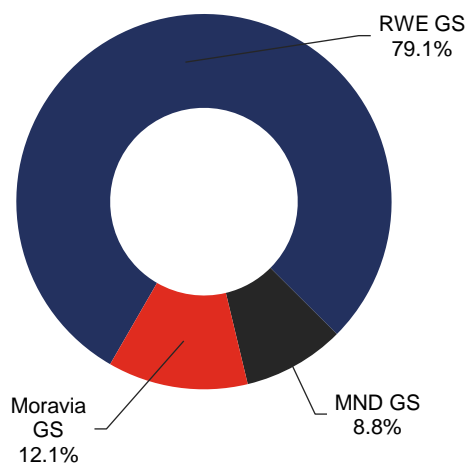


4 UNDERGROUND GAS STORAGE FACILITIES

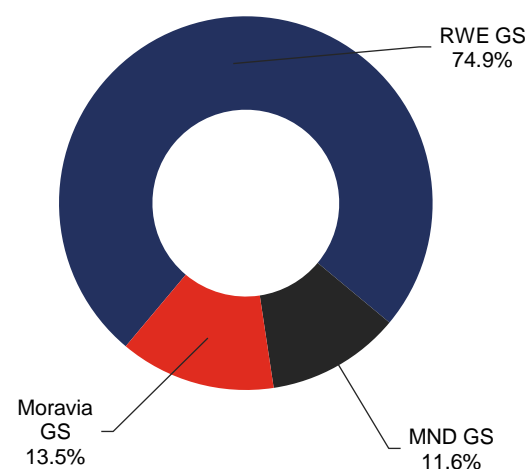
4.1 Gas flow from/into UGS that form part of the Czech gas system

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	RWE GS	6	1,499.1	2,498.9	-999.7	1,367.6	2,363.9	2,699.3	2,712.0	99.5%	37.7	60.0	62.8%
	MND GS	1	203.9	274.4	-70.5	180.9	242.8	299.6	320.0	93.6%	5.8	9.0	64.7%
	Moravia GS	1	260.4	439.8	-179.4	141.4	315.5	412.2	420.0	98.1%	6.8	7.5	90.5%
	Total	8	1,963.4	3,213.0	-1,249.6	1,689.9	2,922.2	3,411.1	3,452.0	98.8%	50.3	76.5	65.7%
GWh	RWE GS	6	16,042.4	26,815.1	-10,772.7	14,823.0	25,562.3	29,180.8	28,766.2	101.4%	402.4	636.4	63.2%
	MND GS	1	2,193.5	2,960.9	-767.4	1,887.2	2,560.2	3,176.8	3,420.0	92.9%	62.2	96.0	64.8%
	Moravia GS	1	2,816.8	4,802.7	-1,985.9	1,452.2	3,380.9	4,430.7	4,486.0	98.8%	73.7	80.1	92.0%
	Total	8	21,052.7	34,578.7	-13,526.0	18,162.5	31,503.4	36,788.3	36,672.2	100.3%	538.4	812.5	66.3%

SSOs' shares of the highest achieved level of operating stores



SSOs' shares of the highest daily gas withdrawal



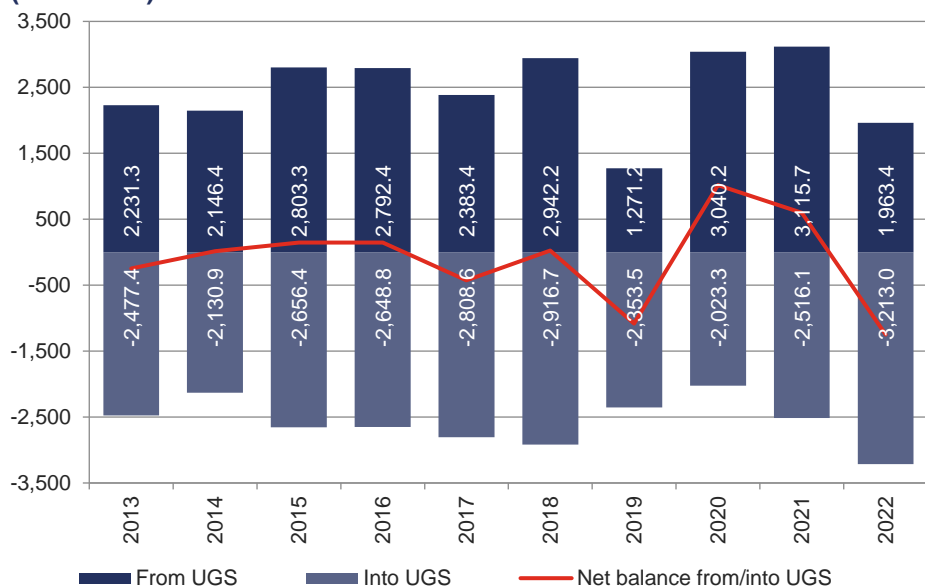
Note: Any differences between stored gas levels and withdrawal from and injection into UGS facilities are due to geological losses, own use, transfer of gas to the cushion, or increase in the stored reserves in the UGS facilities.

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

Period	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	
2013	7	2,231.3	2,477.4	-246.1	1,921.5	2,168.1	2,735.5	23,677.8	26,513.4	-2,835.6	20,428.6	23,283.0	29,346.1
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

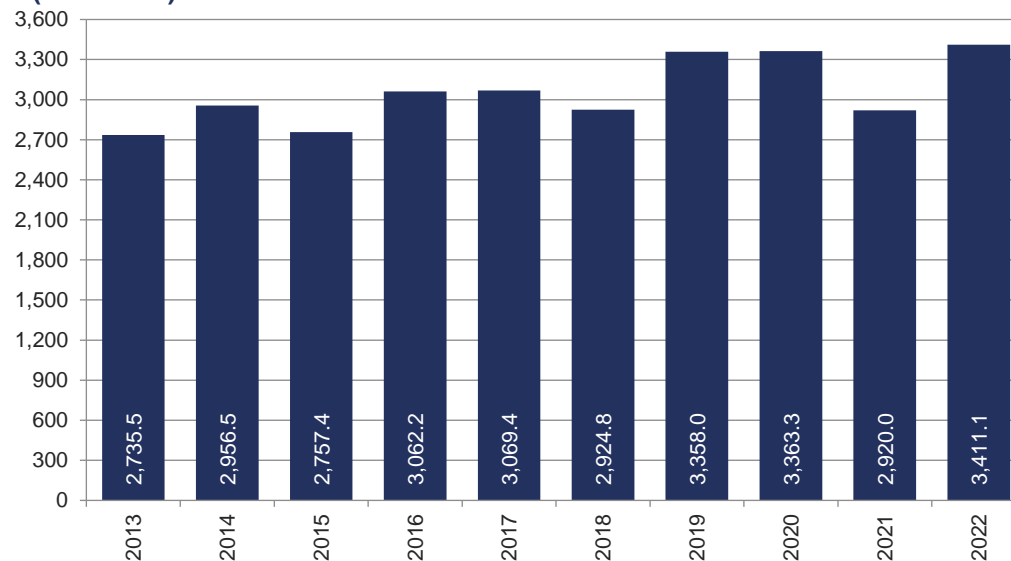
Gas flow from/into UGS that form part of the Czech gas system

(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

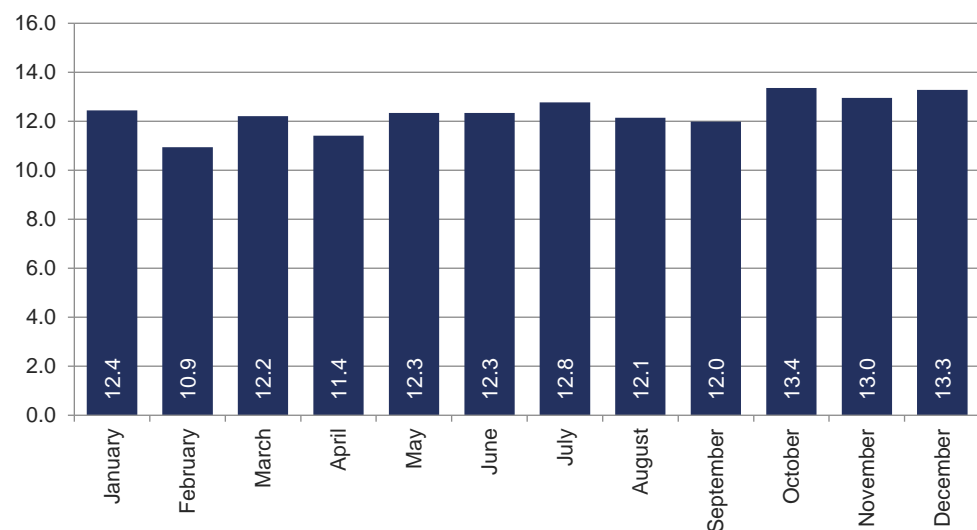
5.1 Production of all gases in the Czech Republic

Gas type	Type of production	thousands m ³		Y/y change	MWh		
		2022	2021		2022	2021	
Total gas production, including losses and own use	Natural gas for distribution	A	136,675.2	114,205.2	19.7%	1,487,331.1	1,240,594.4
	Carbonic natural gas	A1	9,513.2	11,525.5	-17.5%	99,769.5	120,865.5
	Natural gas (LNG)	A2	686.7	990.8	-30.7%	7,307.2	10,402.9
	Propane, butane and their mixtures	B	0.0	0.0		0.0	0.0
	Coke-oven gas	C	418,617.3	479,393.6	-12.7%	2,218,305.2	2,575,519.6
	Mine gas	D	75,699.6	75,933.7	-0.3%	792,827.2	795,279.0
	Landfill gas	E	5,004.3	5,844.1	-14.4%	21,549.8	25,051.3
	Biogas	F	0.0	0.0		0.0	0.0
	Producer gas	G	0.0	0.0		0.0	0.0
	Biomethane	M	1,300.9	1,144.2	13.7%	13,319.4	11,968.7
	Other	Z	0.0	0.0		0.0	0.0
	Total natural gas production	A+A1+A2+M	148,176.1	127,865.7	15.9%	1,607,727.3	1,383,831.5
All gases	Total	647,497.3	689,037.0	-6.0%	4,640,409.5	4,779,681.4	
Gas supply from the production installation to the distribution system	Natural gas for distribution	A	134,868.8	112,467.1	19.9%	1,465,392.9	1,220,117.1
	Carbonic natural gas	A1	9,513.2	11,525.5	-17.5%	99,769.5	120,865.5
	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	418,617.3	479,393.6	-12.7%	2,218,305.2	2,575,519.6
	Mine gas	D	75,699.6	75,933.7	-0.3%	792,827.2	795,279.0
	Landfill gas	E	3,217.7	3,270.5	-1.6%	13,853.6	14,102.3
	Biogas	F	0.0	0.0		0.0	0.0
	Producer gas	G	0.0	0.0		0.0	0.0
	Biomethane	M	1,300.9	1,144.2	13.7%	13,319.4	11,968.7
	Other	Z	0.0	0.0		0.0	0.0
	Total natural gas production	A+A1+A2+M	145,683.0	125,136.9	16.4%	1,578,481.9	1,352,951.3
All gases	Total	643,217.6	683,734.6	-5.9%	4,603,467.9	4,737,852.2	
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	686.7	990.8	-30.7%	7,307.2	10,402.9
	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	1,786.6	2,573.6	-30.6%	7,696.2	10,949.0
	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	686.7	990.8	-30.7%	7,307.2	10,402.9
All gases	Total	2,473.3	3,564.4	-30.6%	15,003.4	21,351.9	
Gas producers' own use	Natural gas for distribution	A	1,806.4	1,738.0	3.9%	21,938.2	20,477.3
	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	1,806.4	1,738.0	3.9%	21,938.2	20,477.3
All gases	Total	1,806.4	1,738.0	3.9%	21,938.2	20,477.3	

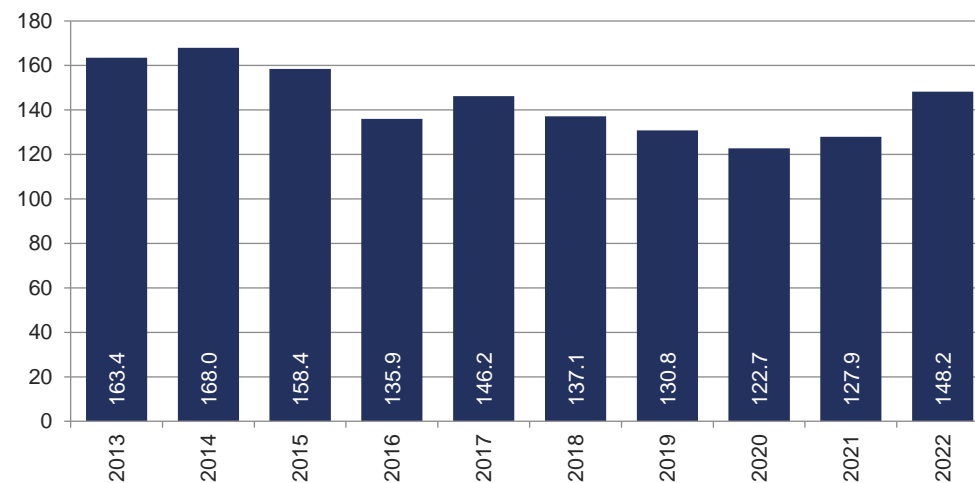
5.2 Natural gas production in the Czech Republic over the last 10 years

Period	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 systém	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 systém	Gas supply from the production installation to customers connected directly to the gas production installation	Gas producers' own use
2013	5	163.437	151.886	0.000	11.551	1,773.850	1,647.009	0.000	126.841
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

Total gas production, including losses and own use in 2022
(million m³)



Total gas production, including losses and own use between 2013 and 2022
(million m³)



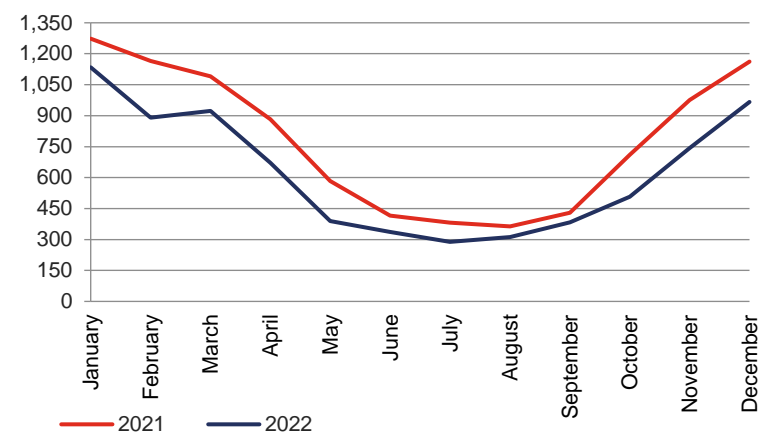
Note: The total gas production in 2017, including losses and own use, does not include gas supply to customers connected directly to the gas production installation.
Trial LNG supply of Spolgas s.r.o. to the distribution network of GasNet, s.r.o.

6 NATURAL GAS CONSUMPTION

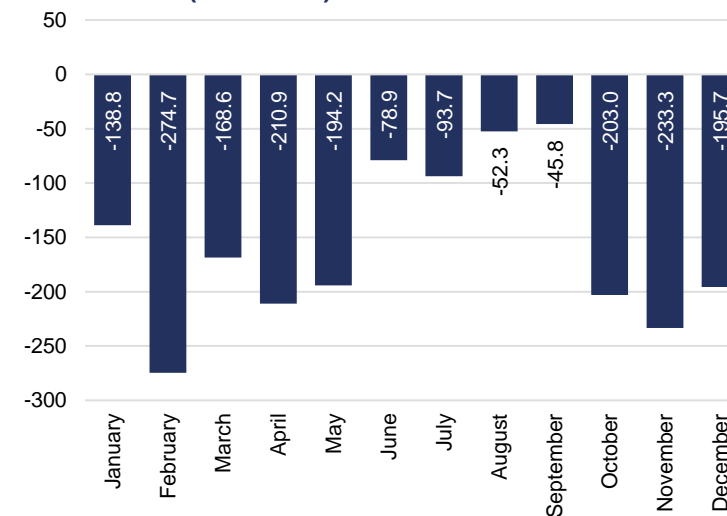
6.1 Natural gas consumption in the Czech Republic in 2022

Period	million m ³						GWh			
	Actual			Adjusted			Actual		Adjusted	
	2022	2021	Y/y change	2022	2021	Y/y change	2022	2021	2022	2021
January	1,134.3	1,273.1	-10.9%	1,205.7	1,283.9	-6.1%	12,118.8	13,598.8	12,882.5	13,714.3
February	890.5	1,165.2	-23.6%	992.3	1,146.9	-13.5%	9,527.0	12,450.5	10,616.6	12,255.1
March	922.6	1,091.2	-15.4%	915.5	1,071.0	-14.5%	9,909.5	11,642.4	9,832.9	11,427.4
April	671.4	882.2	-23.9%	605.3	783.4	-22.7%	7,238.0	9,418.4	6,525.7	8,363.4
May	388.9	583.1	-33.3%	408.7	531.2	-23.1%	4,179.7	6,226.4	4,392.8	5,672.4
June	336.4	415.3	-19.0%	343.0	423.5	-19.0%	3,649.5	4,436.5	3,721.9	4,524.3
July	288.6	382.3	-24.5%	290.0	385.0	-24.7%	3,138.9	4,081.9	3,154.6	4,111.3
August	311.1	363.4	-14.4%	316.7	355.7	-11.0%	3,377.6	3,873.8	3,438.0	3,791.6
September	383.4	429.2	-10.7%	364.6	453.3	-19.6%	4,195.3	4,575.1	3,989.5	4,832.4
October	507.6	710.6	-28.6%	577.4	706.1	-18.2%	5,563.6	7,601.8	6,328.9	7,553.2
November	743.0	976.2	-23.9%	772.6	986.7	-21.7%	8,121.1	10,424.3	8,444.9	10,535.6
December	966.2	1,161.9	-16.8%	990.4	1,192.8	-17.0%	10,527.8	12,407.6	10,791.5	12,737.8
1Q	2,947.4	3,529.5	-16.5%	3,113.6	3,501.9	-11.1%	31,555.2	37,691.7	33,332.0	37,396.9
2Q	1,396.6	1,880.6	-25.7%	1,357.0	1,738.1	-21.9%	15,067.2	20,081.3	14,640.4	18,560.1
3Q	983.0	1,174.9	-16.3%	971.2	1,194.1	-18.7%	10,711.8	12,530.7	10,582.0	12,735.3
4Q	2,216.7	2,848.8	-22.2%	2,340.4	2,885.6	-18.9%	24,212.5	30,433.7	25,565.3	30,826.6
1H	4,344.0	5,410.1	-19.7%	4,470.6	5,240.0	-14.7%	46,622.4	57,773.0	47,972.4	55,957.0
2H	3,199.8	4,023.6	-20.5%	3,311.6	4,079.6	-18.8%	34,924.3	42,964.5	36,147.3	43,561.9
Year	7,543.8	9,433.7	-20.0%	7,782.2	9,319.6	-16.5%	81,546.7	100,737.5	84,119.7	99,518.9

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



Change in actual gas consumption, 2022 on 2021 (million m³)



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

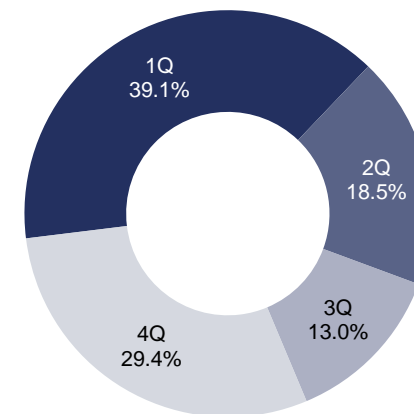
Share of consumption in each period of the year in total annual gas consumption

Period	Actual		Adjusted	
	2022	2021	2022	2021
January	15.0%	13.5%	15.5%	13.8%
February	11.8%	12.4%	12.8%	12.3%
March	12.2%	11.6%	11.8%	11.5%
April	8.9%	9.4%	7.8%	8.4%
May	5.2%	6.2%	5.3%	5.7%
June	4.5%	4.4%	4.4%	4.5%
July	3.8%	4.1%	3.7%	4.1%
August	4.1%	3.9%	4.1%	3.8%
September	5.1%	4.5%	4.7%	4.9%
October	6.7%	7.5%	7.4%	7.6%
November	9.8%	10.3%	9.9%	10.6%
December	12.8%	12.3%	12.7%	12.8%
1Q	39.1%	37.4%	40.0%	37.6%
2Q	18.5%	19.9%	17.4%	18.7%
3Q	13.0%	12.5%	12.5%	12.8%
4Q	29.4%	30.2%	30.1%	31.0%
1H	57.6%	57.3%	57.4%	56.2%
2H	42.4%	42.7%	42.6%	43.8%
Year	100.0%	100.0%	100.0%	100.0%

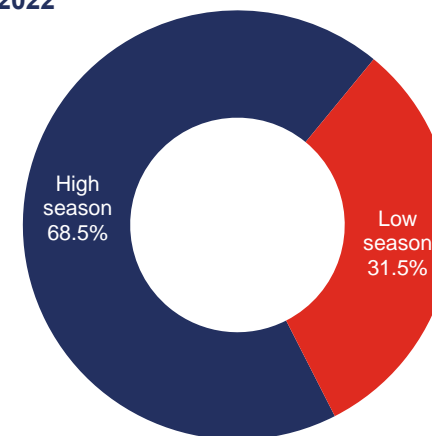
Share of actual monthly consumption in total annual gas consumption



Share of actual quarterly consumption in total annual gas consumption in 2022



Share of actual consumption in the heating season in the total annual gas consumption in 2022

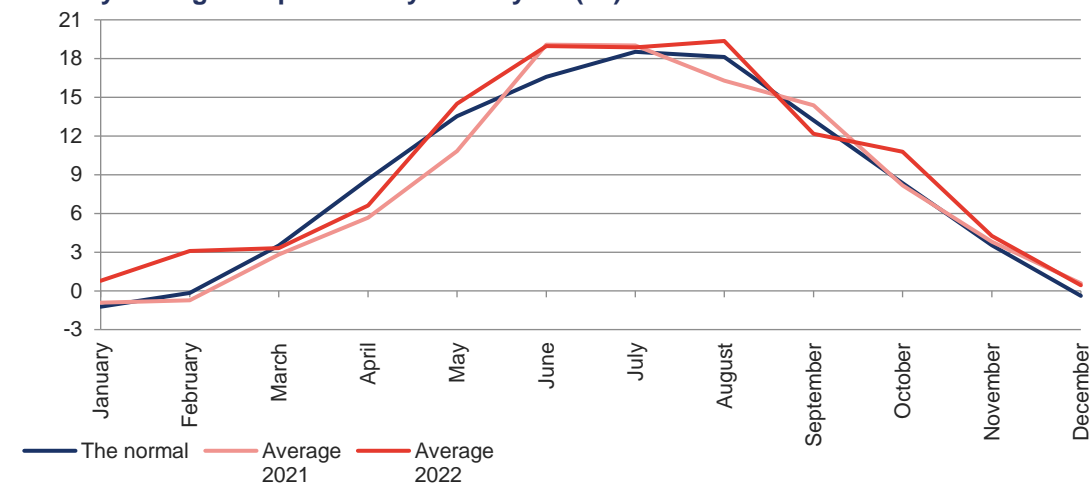


6.3 Air temperature in the Czech Republic in 2022

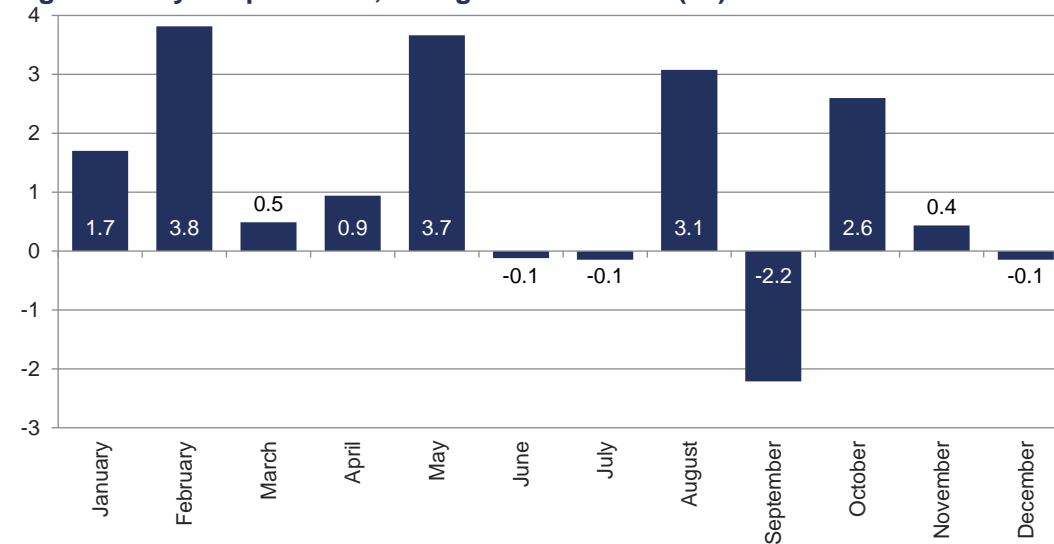
Temperature in °C

Period	Average 2022	Max 2022	Min 2022	The normal	Difference from normal	Average 2021	Change on 2021
January	0.8	8.6	-3.8	-1.2	2.0	-0.9	1.7
February	3.1	6.7	-2.0	-0.2	3.2	-0.7	3.8
March	3.3	9.8	-2.1	3.5	-0.2	2.8	0.5
April	6.6	13.3	-1.0	8.6	-2.0	5.7	0.9
May	14.5	20.6	9.7	13.5	1.0	10.8	3.7
June	19.0	25.0	14.7	16.6	2.4	19.1	-0.1
July	18.9	24.9	13.3	18.5	0.4	19.0	-0.1
August	19.4	25.2	15.0	18.1	1.2	16.3	3.1
September	12.2	18.1	7.7	13.2	-1.1	14.4	-2.2
October	10.8	14.9	6.4	8.4	2.4	8.2	2.6
November	4.2	10.4	-3.5	3.5	0.7	3.8	0.4
December	0.4	9.5	-8.5	-0.4	0.8	0.6	-0.1
1Q	2.4	9.8	-3.8	0.7	1.7	0.4	2.0
2Q	13.4	25.0	-1.0	12.9	0.4	11.9	1.5
3Q	16.8	25.2	7.7	16.6	0.2	16.6	0.2
4Q	5.2	14.9	-8.5	3.8	1.3	4.2	1.0
1H	7.9	25.0	-3.8	6.8	1.1	6.1	1.7
2H	11.0	25.2	-8.5	10.2	0.7	10.4	0.6
Year	9.4	25.2	-8.5	8.5	0.9	8.3	1.2

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



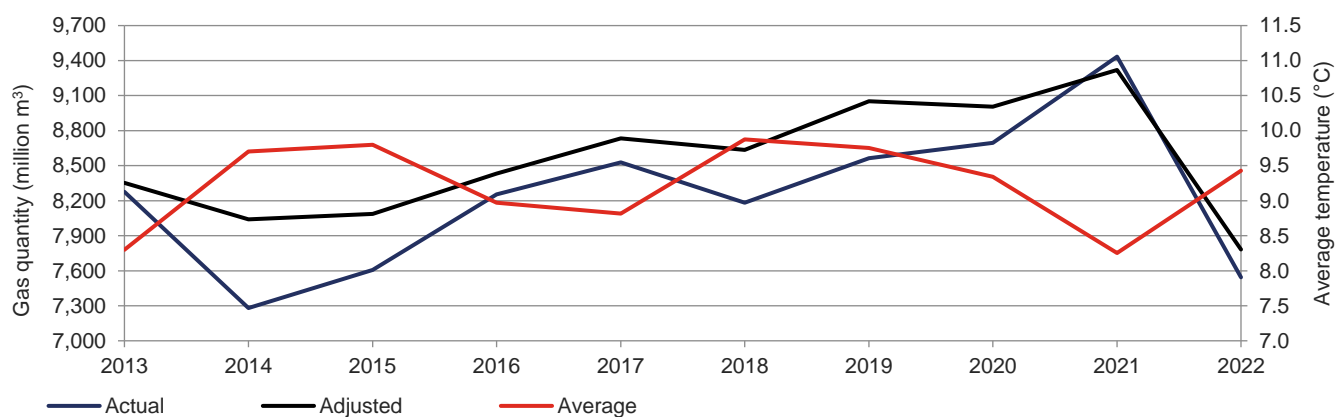
Average monthly temperatures, change 2022 on 2021 (°C)



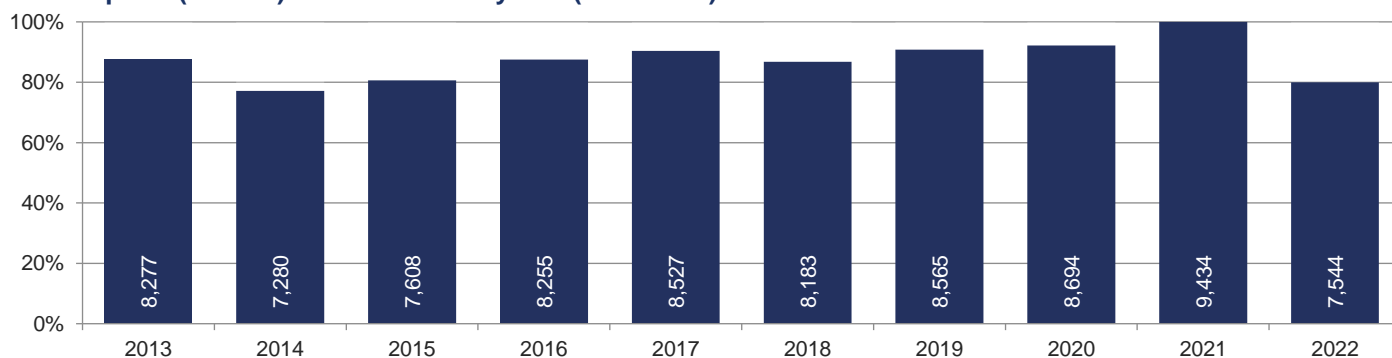
6.4 Natural gas consumption in the Czech Republic over the last 10 years

Period	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
2013	8,277.1	87,968.6	1.5%	8,353.3	88,787.8	1.2%	76.2	819.2	8.3	7.9	0.4	-0.4
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

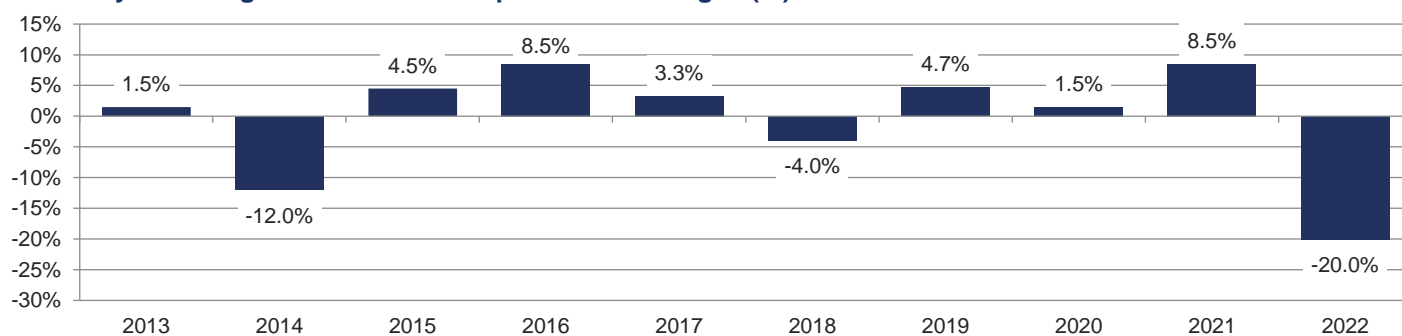
Annual natural gas consumption values and average temperatures



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



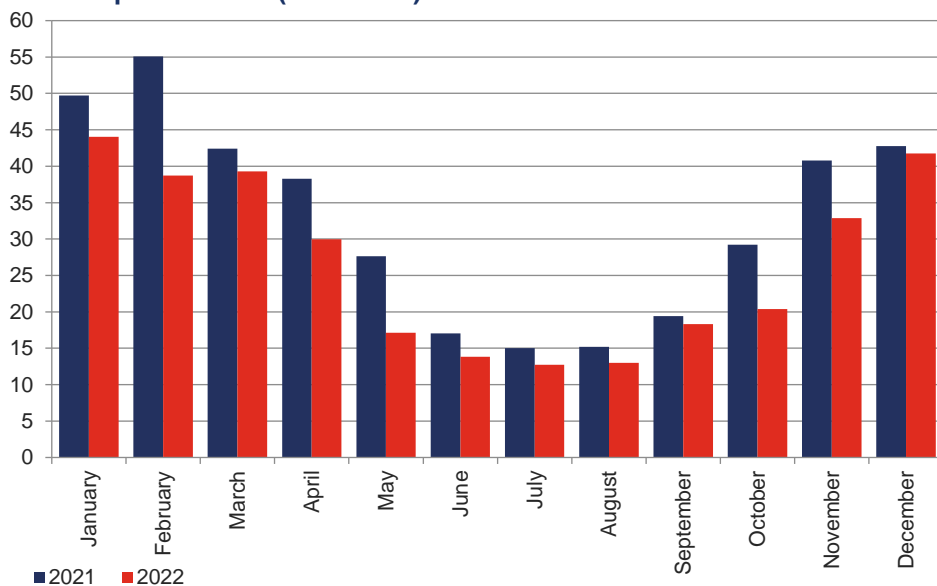
Year-on-year change in actual consumption of natural gas (%)



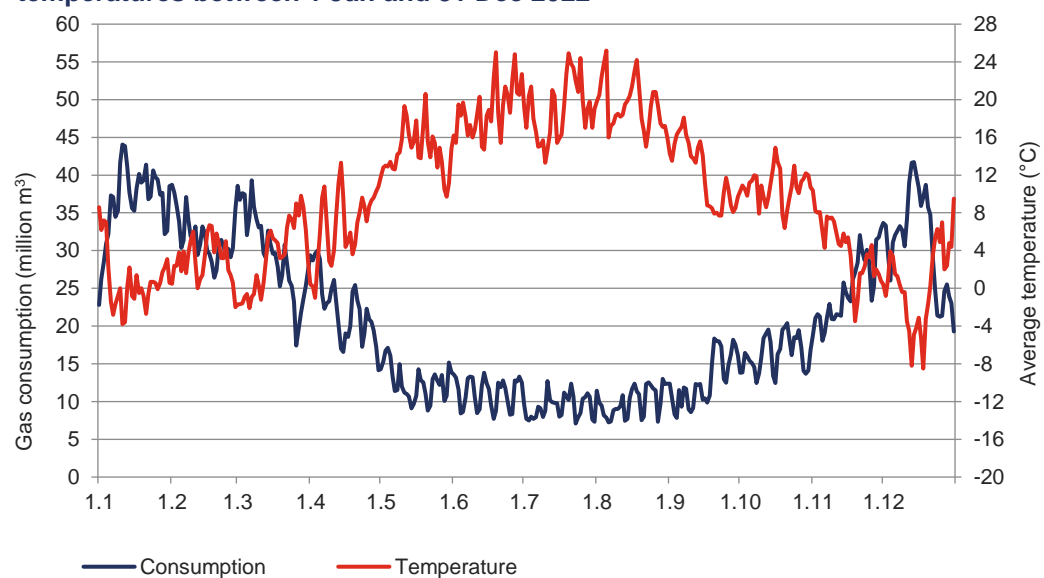
6.5 Daily maximum and minimum natural gas consumption in the Czech Republic in 2022

Period	Maximum daily gas consumption						Minimum daily gas consumption					
	2022			2021			2022			2021		
	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	44.045	470.538	-3.8	49.723	531.089	-3.7	22.800	243.608	8.6	33.868	361.782	-1.8
February	38.704	414.204	0.5	55.065	588.377	-8.6	26.410	282.567	0.0	30.401	324.878	0.0
March	39.306	421.986	-0.9	42.397	452.342	-1.3	17.428	187.132	9.0	22.690	242.193	12.8
April	29.954	322.925	2.3	38.274	408.568	1.0	14.155	152.615	10.8	20.806	222.095	13.1
May	17.117	183.782	12.9	27.655	295.252	7.7	8.791	94.475	15.6	13.924	148.680	21.0
June	13.835	150.115	14.7	17.063	182.297	14.1	7.711	83.571	22.3	10.004	106.891	18.0
July	12.732	138.550	14.7	15.030	160.492	20.2	7.090	77.102	22.0	9.188	98.211	19.8
August	12.991	141.224	17.1	15.183	161.903	13.7	7.256	78.764	16.0	9.271	98.823	22.0
September	18.336	200.800	7.9	19.401	206.786	9.9	7.825	85.593	16.3	10.299	109.810	16.7
October	20.389	223.474	8.3	29.233	312.652	4.2	12.450	136.443	14.9	14.909	159.475	12.8
November	32.895	359.636	0.8	40.803	435.777	1.1	18.063	197.428	6.0	25.346	270.649	7.3
December	41.739	454.877	-4.9	42.776	456.791	-1.5	19.258	209.930	9.5	25.416	271.543	9.2
Year	44.045	470.538	-3.8	55.065	588.377	-8.6	7.090	77.102	22.0	9.188	98.211	19.8

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



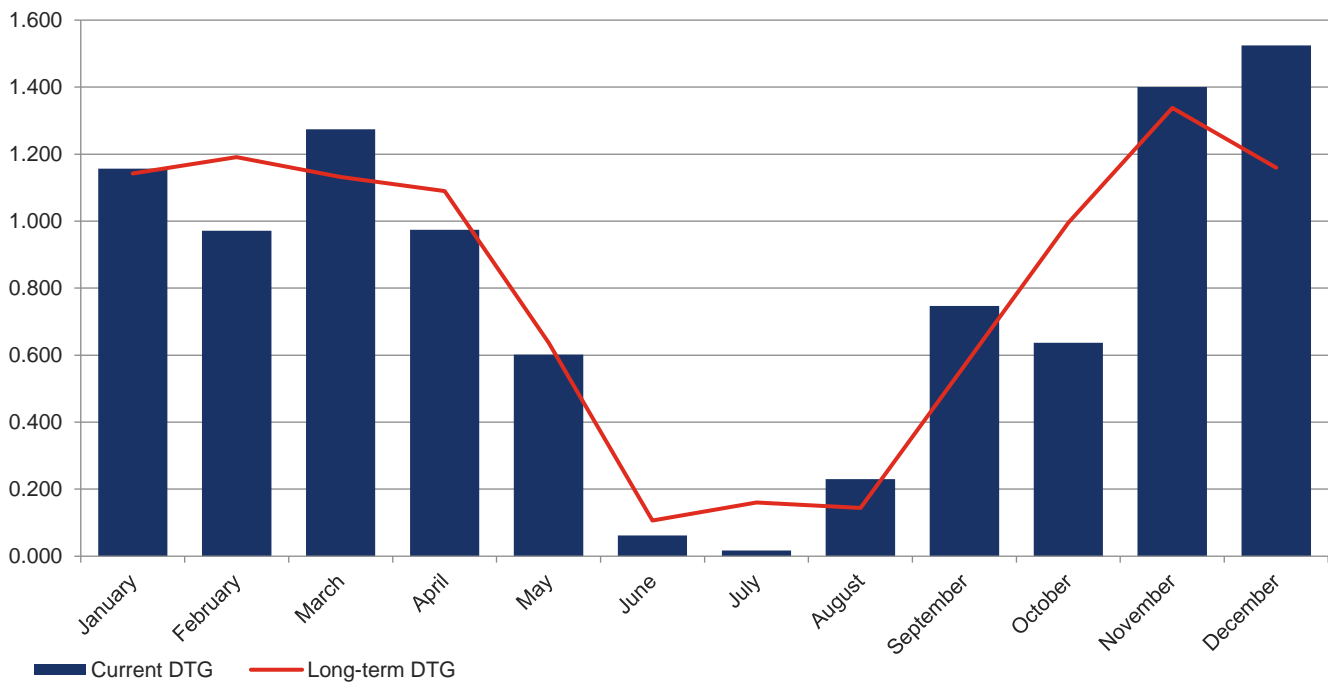
Profile of daily natural gas consumption and average temperatures between 1 Jan and 31 Dec 2022



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

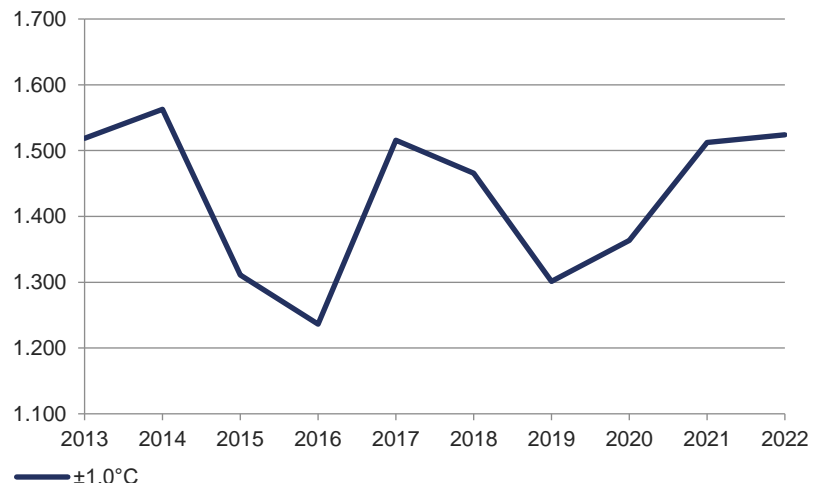
2022	Current DTG		Long-term DTG		Daily model consumption			
	±1.0°C		±1.0°C		at 0°C		at -12°C	
	million m ³	GWh	million m ³	GWh	million m ³	GWh	million m ³	GWh
January	1.156	12.354	1.142	12.206	38.847	415.048	52.722	563.295
February	0.971	10.388	1.191	12.740	36.080	385.995	47.731	510.653
March	1.274	13.680	1.132	12.156	35.160	377.636	50.444	541.798
April	0.974	10.499	1.090	11.748	30.349	327.193	42.035	453.182
May	0.602	6.466	0.637	6.849	X	X	X	X
June	0.062	0.670	0.107	1.156	X	X	X	X
July	0.017	0.185	0.160	1.743	X	X	X	X
August	0.230	2.494	0.144	1.562	X	X	X	X
September	0.746	8.169	0.568	6.221	X	X	X	X
October	0.637	6.980	0.995	10.910	24.244	265.727	31.886	349.490
November	1.400	15.303	1.338	14.624	32.391	354.051	49.191	537.690
December	1.524	16.606	1.159	12.633	32.731	356.657	51.019	555.928

Daily temperature gradient in 2022 (million m³)



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

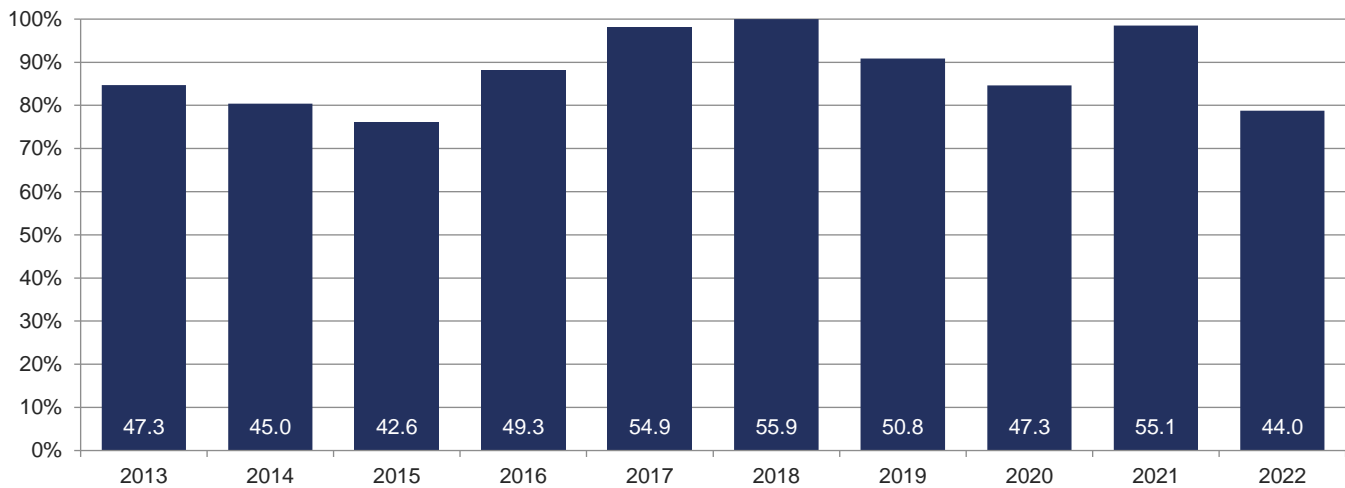
Year	Current DTG ±1.0°C	
	million m ³	GWh
2013	1.519	16.142
2014	1.563	16.617
2015	1.311	13.940
2016	1.236	13.203
2017	1.516	16.172
2018	1.466	15.629
2019	1.301	13.899
2020	1.364	14.571
2021	1.512	16.148
2022	1.524	16.606



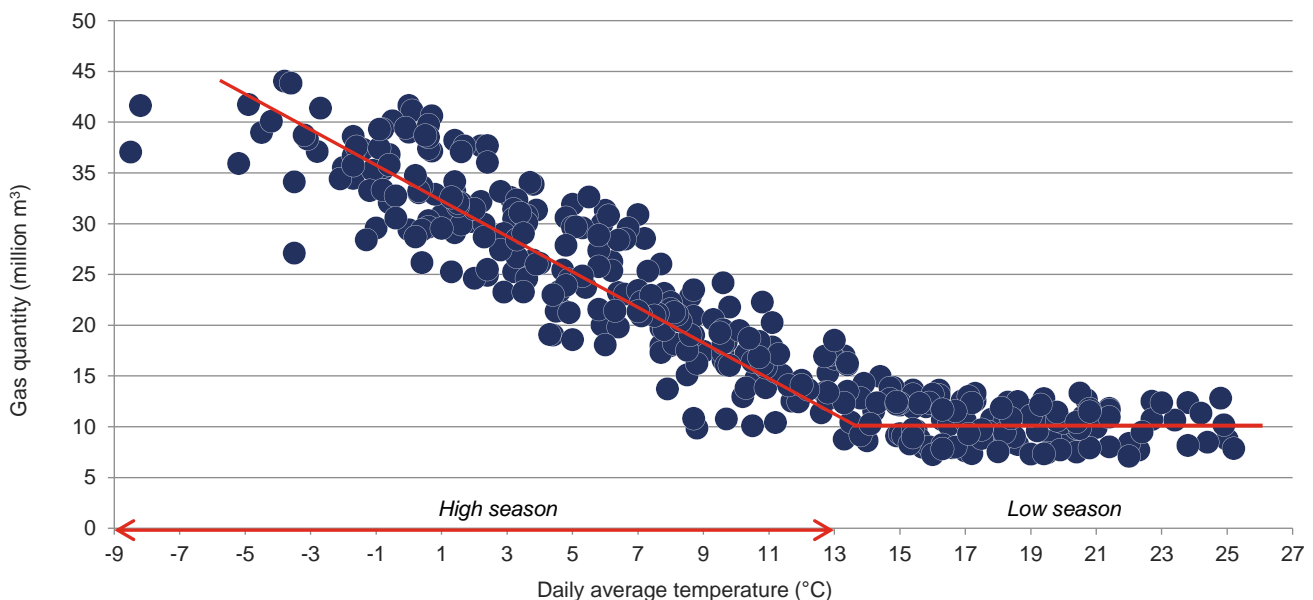
6.7 Daily natural gas consumption in the Czech Republic over the last 10 years

Period	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)
2013	47.3	501.0	-8.6	6.3	67.4	21.9	7.5 :1	22.7	241.0	8.3
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

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 2022 heating season



7 REFERENCE HOURLY READING

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

KHO - 11 January 2022

Hour	thousands m ³ /h					MWh/h					°C
	PP Distribuce	GasNet	EG.D	Other companies	Total	PP Distribuce	GasNet	EG.D	Other companies	Total	
7:00	220.7	1,522.4	80.8	160.2	1,984.2	2,357.5	16,263.7	863.0	1,711.8	21,196.0	-5.8
8:00	224.6	1,608.8	85.5	172.9	2,091.8	2,398.5	17,185.6	913.1	1,847.2	22,344.5	-5.3
9:00	224.0	1,634.7	85.8	162.6	2,107.0	2,391.8	17,460.8	916.0	1,736.7	22,505.3	-4.8
10:00	224.9	1,611.3	84.3	162.3	2,082.6	2,400.8	17,210.7	899.9	1,733.3	22,244.7	-3.6
11:00	220.0	1,575.8	82.6	162.6	2,041.0	2,348.7	16,832.0	881.8	1,737.3	21,799.7	-2.4
12:00	215.5	1,537.0	80.0	162.8	1,995.3	2,301.0	16,417.3	854.5	1,738.6	21,311.4	-1.8
13:00	214.5	1,485.9	78.0	159.3	1,937.7	2,290.5	15,870.4	833.0	1,701.9	20,695.9	-1.4
14:00	209.7	1,458.6	76.4	162.4	1,907.1	2,239.4	15,579.7	815.6	1,734.3	20,368.9	-1.1
15:00	207.5	1,435.8	76.3	161.7	1,881.3	2,218.8	15,336.4	814.8	1,727.3	20,097.2	-1.3
16:00	216.8	1,446.6	75.1	162.7	1,901.2	2,318.5	15,451.5	802.3	1,737.7	20,310.0	-1.8
17:00	227.1	1,480.8	75.7	163.5	1,947.1	2,430.4	15,818.8	808.3	1,746.6	20,804.2	-2.1
18:00	230.3	1,498.4	78.6	162.9	1,970.2	2,465.4	16,006.6	838.9	1,740.7	21,051.6	-2.9
19:00	233.7	1,504.0	76.4	163.5	1,977.6	2,501.1	16,066.8	815.4	1,747.0	21,130.3	-3.1
20:00	234.0	1,510.6	76.6	163.5	1,984.6	2,504.5	16,136.6	818.0	1,746.5	21,205.6	-3.6
21:00	228.2	1,494.5	74.4	163.7	1,960.8	2,442.5	15,964.7	794.8	1,749.0	20,951.1	-3.8
22:00	214.2	1,428.6	69.6	162.4	1,874.7	2,292.8	15,260.7	742.8	1,734.9	20,031.2	-4.1
23:00	193.7	1,297.3	58.7	160.9	1,710.6	2,073.5	13,857.6	626.6	1,719.1	18,276.7	-4.3
0:00	174.7	1,163.0	51.3	160.5	1,549.6	1,870.4	12,422.4	547.6	1,715.1	16,555.4	-4.5
1:00	165.5	1,116.0	47.6	106.2	1,435.4	1,771.6	11,921.0	507.9	1,135.1	15,335.6	-5.1
2:00	160.8	1,107.6	47.5	79.3	1,395.2	1,720.9	11,831.1	506.9	846.8	14,905.8	-5.9
3:00	161.3	1,118.7	50.3	79.8	1,410.1	1,726.6	11,948.9	536.6	852.8	15,065.0	-6.4
4:00	165.4	1,173.2	54.7	79.8	1,473.2	1,770.3	12,531.3	584.4	852.7	15,738.8	-6.1
5:00	177.8	1,269.8	62.3	79.8	1,589.8	1,903.2	13,564.2	665.0	852.8	16,985.1	-5.5
6:00	208.5	1,447.2	76.1	105.3	1,837.1	2,231.3	15,458.9	812.7	1,125.1	19,628.0	-4.7
Total	4,953.3	33,926.7	1,704.7	3,460.7	44,045.3	52,970.0	362,397.6	18,200.0	36,970.3	470,537.9	-3.8
Max	234.0	1,634.7	85.8	172.9	2,107.0	2,504.5	17,460.8	916.0	1,847.2	22,505.3	-1.1
Min	160.8	1,107.6	47.5	79.3	1,395.2	1,720.9	11,831.1	506.9	846.8	14,905.8	-6.4

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



7.2 Balance in the Czech gas system on the KHO day

KHO - 11 January 2022

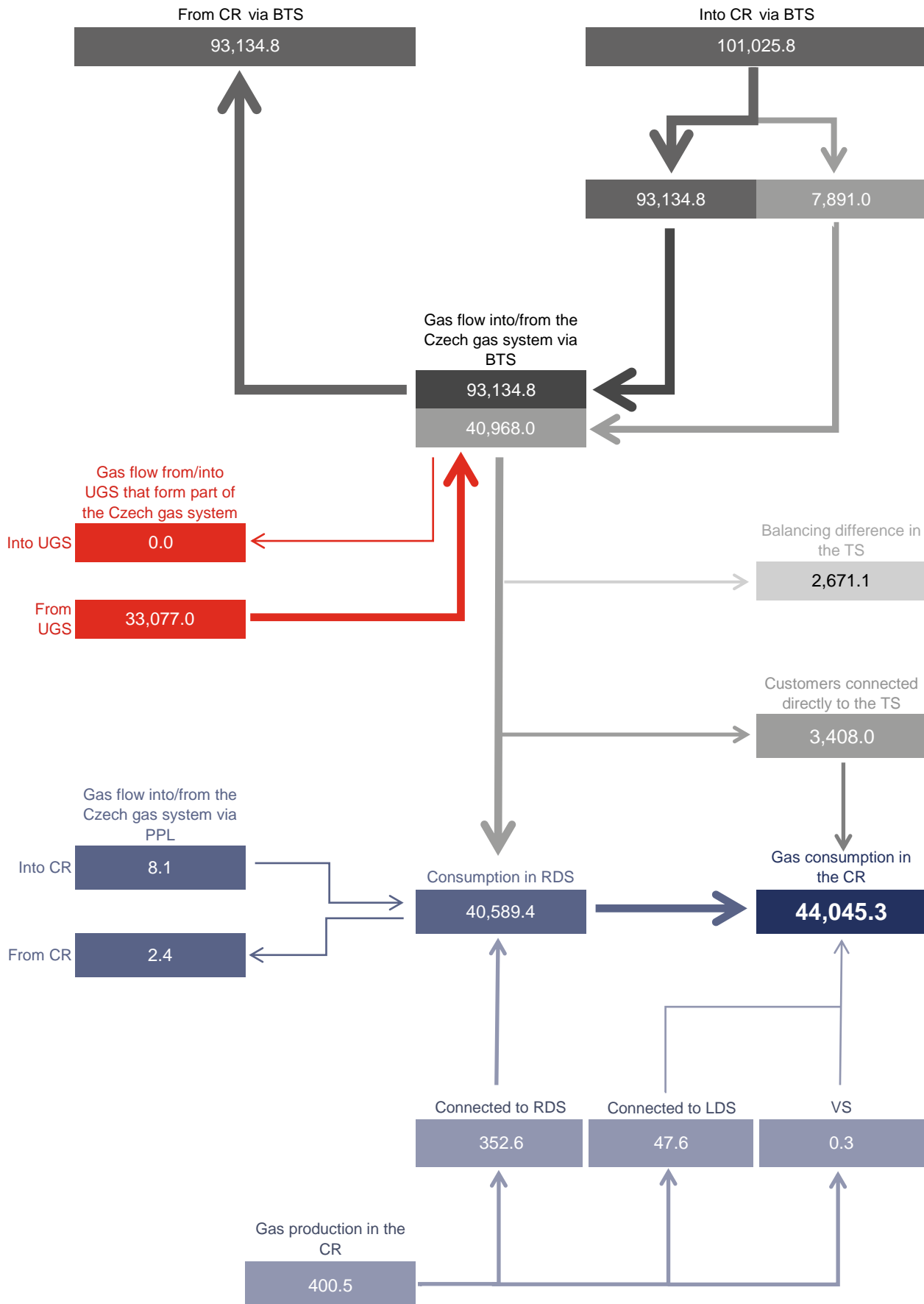
			th m ³ /yr	MWh/yr	Aggregate gas quantity in thousands m ³ /day	
Gas flow into/from the Czech gas system	Into CR	Via BTS	101,025.8	1,077,964.6		
		Via PPL	8.1	85.5		
		Total	101,034.0	1,078,050.2		
	From CR	Via BTS	93,134.8	994,260.2		
		Via PPL	2.4	25.7		
		Total	93,137.2	994,285.9		
	Net balance into/from CR	Via BTS	7,891.0	83,704.5		
Via PPL		5.7	59.8			
Total		7,896.7	83,764.3			
Gas flow from/into UGS that form part of the Czech gas system	From UGS	RWE GS	29,357.4	313,182.7		
		MND GS	2,532.4	27,093.0		
		Moravia GS	1,187.2	12,700.2		
		Total	33,077.0	352,975.8		
	Into UGS	RWE GS	0.0	0.0		
		MND GS	0.0	0.0		
		Moravia GS	0.0	0.0		
		Total	0.0	0.0		
	Net balance from/into UGS	RWE GS	29,357.4	313,182.7		
		MND GS	2,532.4	27,093.0		
Moravia GS		1,187.2	12,700.2			
Total		33,077.0	352,975.8			
Total stores in UGS			1,517,796.0	16,326,425.0		
Gas production in the CR	Connected to RDS	From VP to DS	352.6	3,834.0		
		VS	0.3	3.4		
		Total	352.9	3,837.4		
	Connected to LDS	From VP to DS	47.6	505.0		
		VS	0.0	0.0		
		Total	47.6	505.0		
	Total	From VP to DS	400.2	4,338.9		
VS		0.3	3.4			
Total		400.5	4,342.4			
Gas consumption in the CR	Consumption in RDS	Customers	39,928.7	426,564.6		
		OG	660.7	7,058.1		
		Total	40,589.4	433,622.7		
	Consumption in LDS not included in RDS	Customers	47.6	505.0		
		OG	0.0	0.0		
		Total	47.6	505.0		
	Gas production (VS)			0.3		3.4
	Customers connected directly to the TS			3,408.0		36,406.9
Total CR	Customers	43,384.4	463,476.4			
	OG+VS+PKS	661.0	7,061.5			
	Total	44,045.3	470,537.9			
Balancing difference in the TS			2,671.1	29,455.5		

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 - 11 January 2022

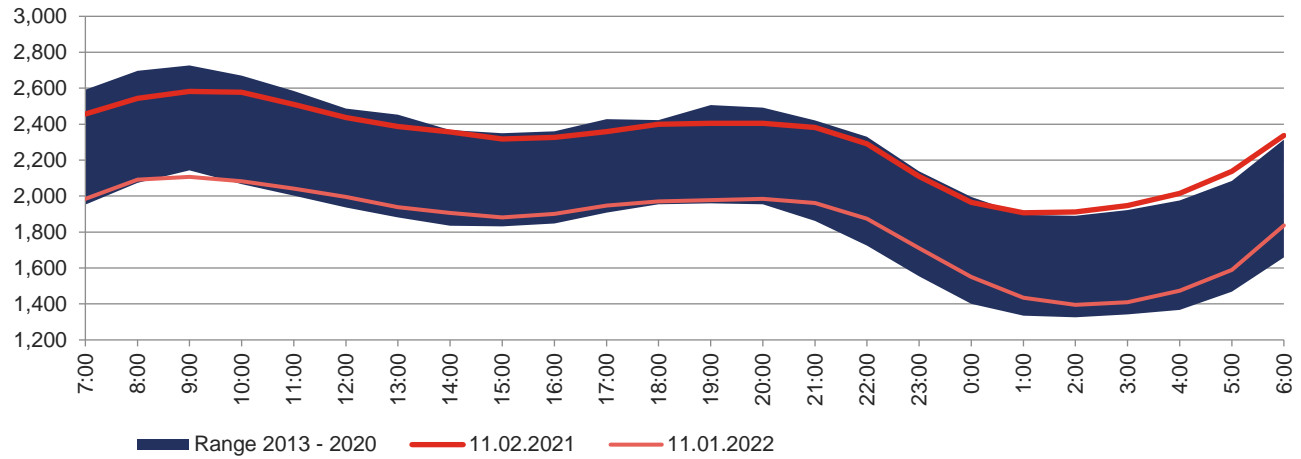


7.4 Reference hourly reading in the CR over the last 10 years

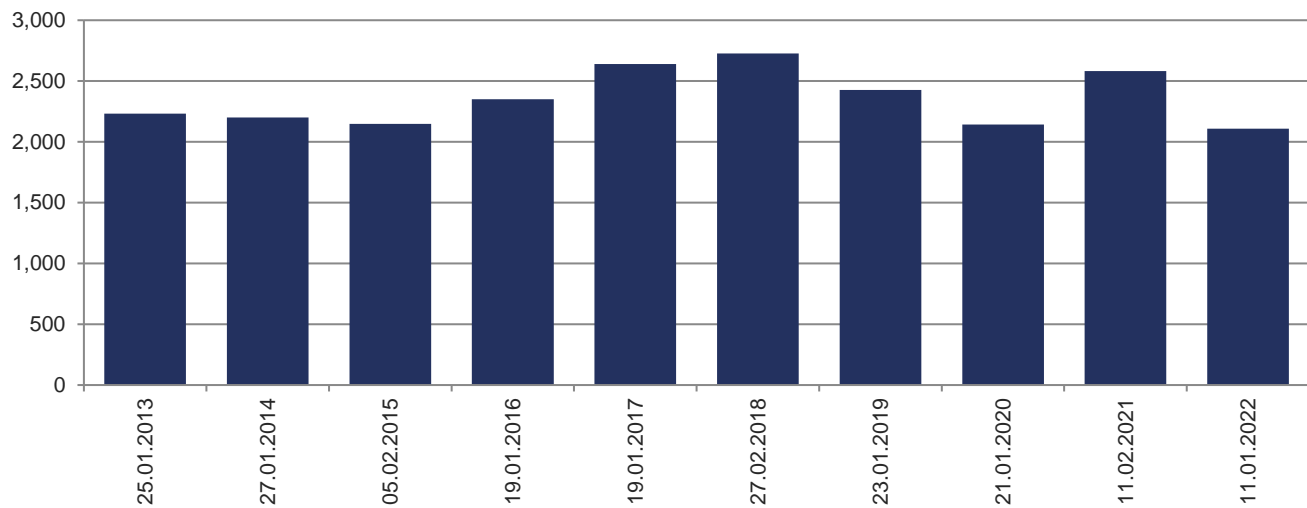
Hour\Date		25.01.2013	27.01.2014	05.02.2015	19.01.2016	19.01.2017	27.02.2018	23.01.2019	21.01.2020	11.02.2021	11.01.2022
th m ³	7:00	2,103.9	2,118.8	1,953.3	2,201.3	2,452.6	2,591.4	2,345.9	2,017.4	2,455.6	1,984.2
	8:00	2,194.6	2,195.0	2,074.6	2,334.7	2,544.6	2,696.6	2,412.6	2,143.1	2,543.5	2,091.8
	9:00	2,223.9	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
	10:00	2,232.7	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
	11:00	2,196.6	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
	12:00	2,143.5	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
	13:00	2,225.6	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
	14:00	2,204.3	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
	15:00	2,043.3	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
	16:00	2,037.7	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
	17:00	2,086.7	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
	18:00	2,115.6	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
	19:00	2,119.3	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
	20:00	2,101.0	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
	21:00	2,066.4	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
	22:00	1,980.7	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
	23:00	1,802.6	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
	0:00	1,651.2	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
	1:00	1,576.9	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
	2:00	1,576.7	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
	3:00	1,600.1	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
	4:00	1,621.9	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
	5:00	1,684.2	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
	6:00	1,842.6	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
	Total	47,333.1	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
Max		2,232.7	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
Min		1,576.7	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
MWh	7:00	22,266.4	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
	8:00	23,227.6	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
	9:00	23,540.2	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
	10:00	23,632.8	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
	11:00	23,250.1	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
	12:00	22,688.4	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
	13:00	23,558.6	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
	14:00	22,273.6	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
	15:00	21,626.7	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
	16:00	21,568.3	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
	17:00	22,087.6	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
	18:00	22,392.2	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
	19:00	22,431.7	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
	20:00	22,238.4	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
	21:00	21,871.7	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
	22:00	20,965.6	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
	23:00	19,078.8	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
	0:00	17,477.2	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
	1:00	16,690.4	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
	2:00	16,686.9	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
	3:00	16,935.4	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
	4:00	17,165.9	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
	5:00	17,826.4	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
	6:00	19,491.6	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
	Total	500,973.2	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
Max		23,632.8	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
Min		16,686.9	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

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

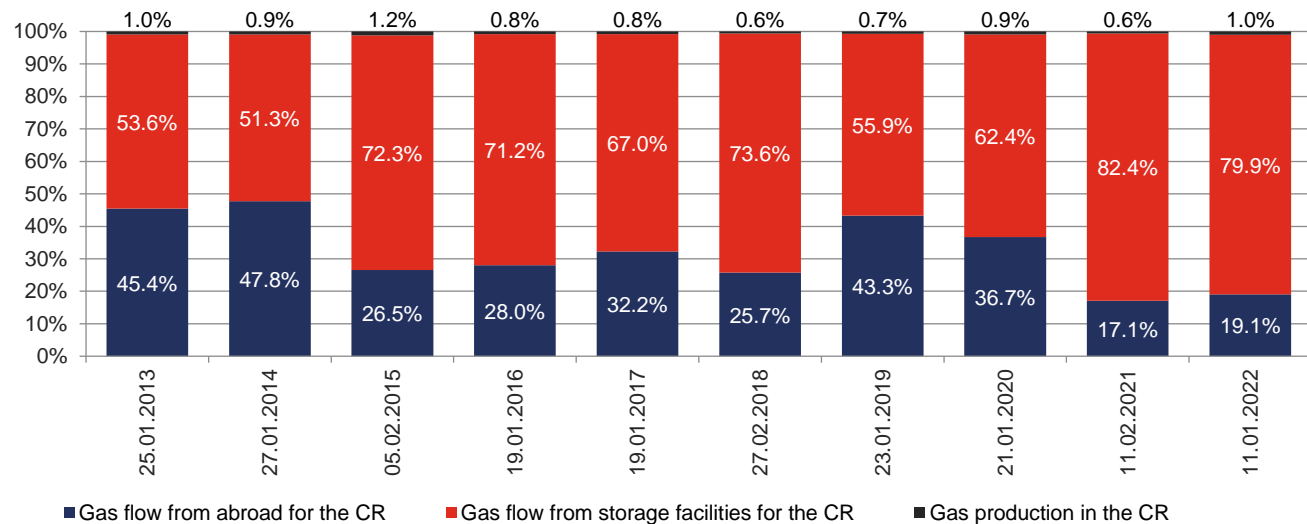
Hourly consumption on the KHO day (thousands m³/h)



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



Percentage shares of gas sources covering the total KHO day



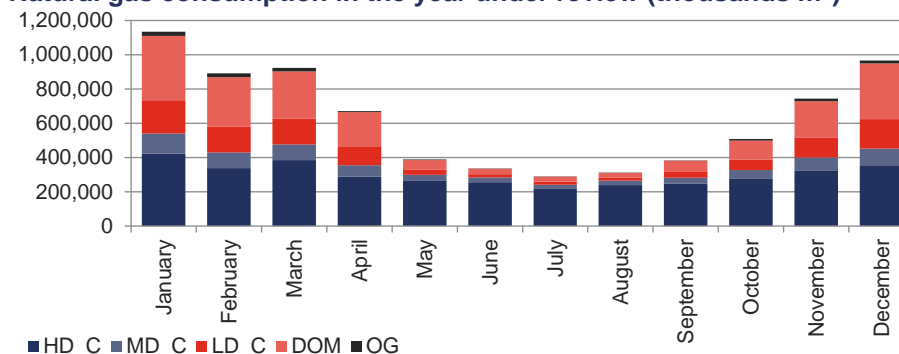
8 NATURAL GAS CONSUMPTION BY CUSTOMER CATEGORY AND BY WAY OF USE

8.1 Natural gas consumption in the Czech Republic in 2022 and over the last 10 years

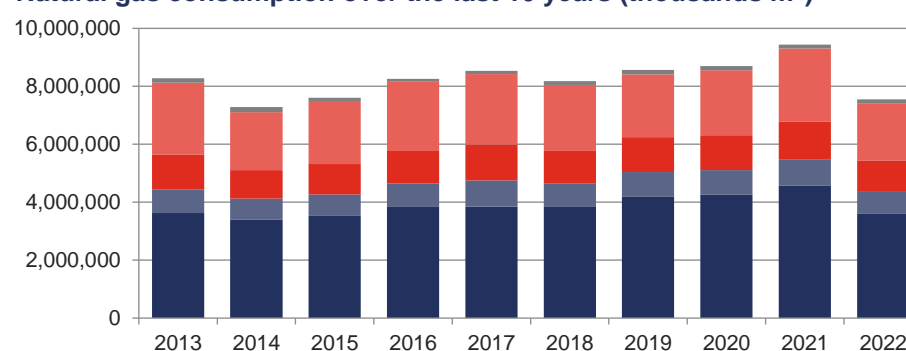
Period	Number of customers at the end of the period	Total natural gas consumption				Average air temperature °C	Year-on-year change in total consumption
		Total consumption		Average consumption per customer			
		th m ³	MWh	th m ³	MWh		
January	2,817,935	1,134,263	12,118,790	0.403	4.301	0.8	-10.9%
February	2,816,354	890,500	9,526,969	0.316	3.383	3.1	-23.6%
March	2,813,737	922,619	9,909,454	0.328	3.522	3.3	-15.4%
April	2,810,023	671,362	7,237,984	0.239	2.576	6.6	-23.9%
May	2,806,562	388,896	4,179,657	0.139	1.489	14.5	-33.3%
June	2,802,216	336,354	3,649,523	0.120	1.302	19.0	-19.0%
July	2,798,648	288,566	3,138,926	0.103	1.122	18.9	-24.5%
August	2,794,763	311,105	3,377,627	0.111	1.209	19.4	-14.4%
September	2,790,896	383,358	4,195,290	0.137	1.503	12.2	-10.7%
October	2,786,741	507,609	5,563,628	0.182	1.996	10.8	-28.6%
November	2,783,972	742,971	8,121,096	0.267	2.917	4.2	-23.9%
December	2,781,284	966,158	10,527,754	0.347	3.785	0.4	-16.8%
1Q	2,813,737	2,947,383	31,555,212	1.047	11.215	2.4	-16.5%
2Q	2,802,216	1,396,613	15,067,165	0.498	5.377	13.4	-25.7%
3Q	2,790,896	983,029	10,711,843	0.352	3.838	16.8	-16.3%
4Q	2,781,284	2,216,738	24,212,478	0.797	8.706	5.2	-22.2%
1H	2,802,216	4,343,996	46,622,377	1.550	16.638	7.9	-19.7%
2H	2,781,284	3,199,767	34,924,321	1.150	12.557	11.0	-20.5%
Year	2,781,284	7,543,762	81,546,698	2.712	29.320	9.4	-20.0%

2013	2,860,345	8,277,094	87,968,598	2.894	30.755	8.3	1.5%
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%

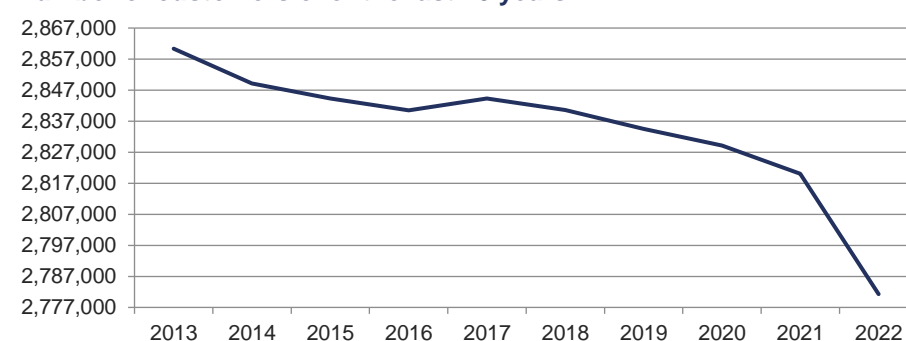
Natural gas consumption in the year under review (thousands m³)



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



Number of customers over the last 10 years

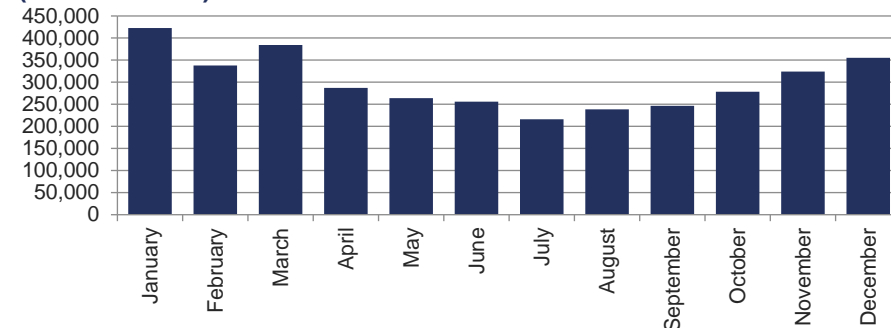


Note: The increase in the number of customers in 2017 was caused by adding customers in LDS, the monitoring of which started on 1 January 2017.

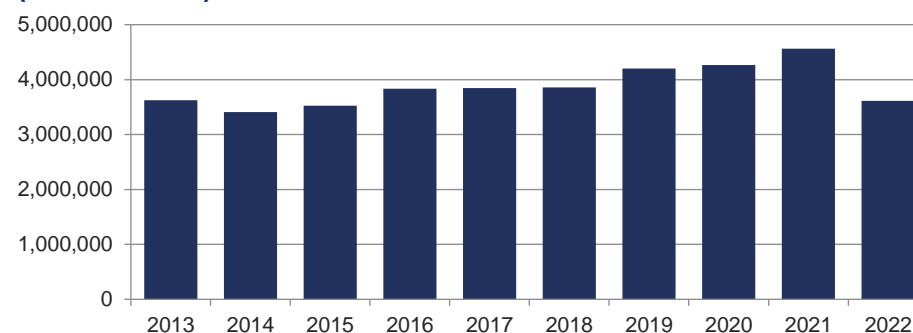
8.2 Natural gas consumption in the HD_C category in 2022 and over the last 10 years

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	1,656	422,567	4,515,090	255	2,727	37.3%	-15.3%
February	1,671	337,567	3,610,829	202	2,161	37.9%	-26.2%
March	1,660	384,449	4,130,038	232	2,488	41.7%	-19.2%
April	1,660	286,967	3,092,677	173	1,863	42.7%	-32.7%
May	1,659	263,686	2,833,568	159	1,708	67.8%	-17.8%
June	1,659	256,066	2,778,388	154	1,675	76.1%	-18.9%
July	1,643	216,437	2,354,014	132	1,433	75.0%	-26.4%
August	1,642	238,622	2,590,500	145	1,578	76.7%	-7.4%
September	1,640	246,585	2,698,511	150	1,645	64.3%	-14.0%
October	1,631	278,534	3,052,745	171	1,872	54.9%	-20.1%
November	1,648	324,255	3,543,933	197	2,150	43.6%	-24.9%
December	1,638	355,504	3,872,772	217	2,364	36.8%	-21.3%
1Q	1,660	1,144,583	12,255,957	690	7,383	38.8%	-20.1%
2Q	1,659	806,720	8,704,633	486	5,247	57.8%	-24.1%
3Q	1,640	701,644	7,643,025	428	4,660	71.4%	-16.3%
4Q	1,638	958,292	10,469,450	585	6,392	43.2%	-22.2%
1H	1,659	1,951,303	20,960,590	1,176	12,634	44.9%	-21.8%
2H	1,638	1,659,936	18,112,475	1,013	11,058	51.9%	-19.8%
Year	1,638	3,611,239	39,073,065	2,205	23,854	47.9%	-20.9%
2013	1,637	3,627,323	38,572,429	2,216	23,563	49.8%	2.4%
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%

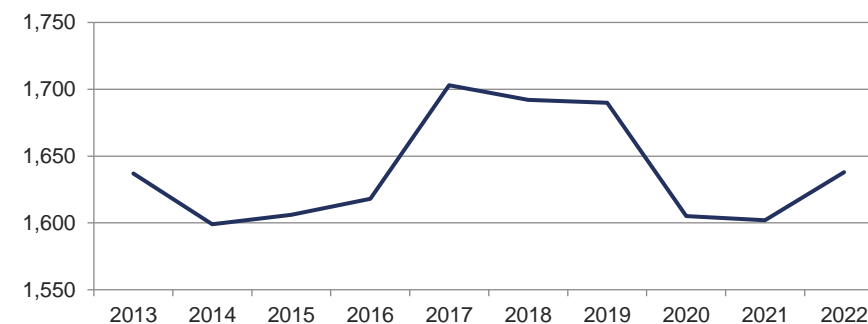
Natural gas consumption in the HD_C category in the year under review (thousands m³)



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



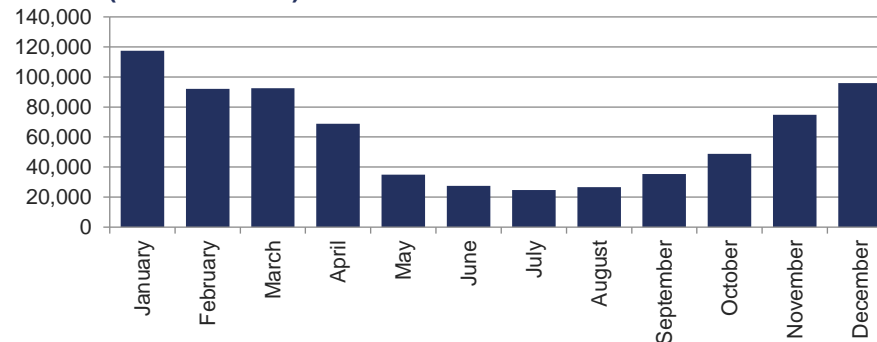
Number of customers in the HD_C category over the last 10 years



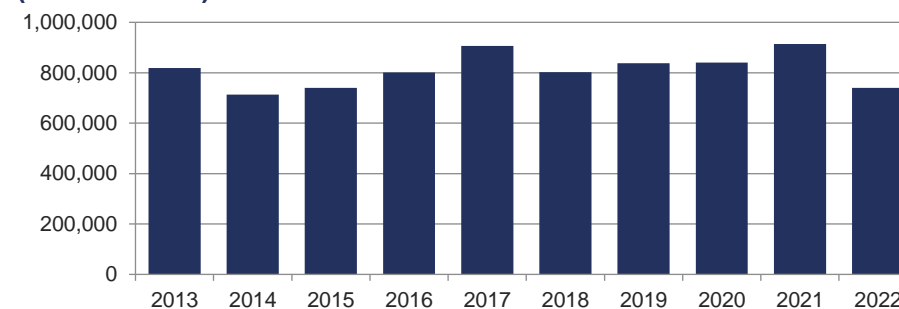
8.3 Natural gas consumption in the Czech Republic in the MD_C category in 2022 and over the last 10 years

Period	Number of Natural gas consumption customers at the end of the period				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	6,600	117,363	1,253,925	18	190	10.3%	-7.2%
February	6,583	92,041	984,927	14	150	10.3%	-20.4%
March	6,510	92,502	993,671	14	153	10.0%	-10.2%
April	6,507	68,867	742,914	11	114	10.3%	-13.3%
May	6,515	34,863	374,720	5	58	9.0%	-36.3%
June	6,502	27,427	297,400	4	46	8.2%	-17.6%
July	6,507	24,814	269,890	4	41	8.6%	-20.7%
August	6,524	26,654	289,393	4	44	8.6%	-25.4%
September	6,526	35,468	388,141	5	59	9.3%	-12.4%
October	6,523	48,868	535,577	7	82	9.6%	-34.6%
November	6,509	74,896	818,702	12	126	10.1%	-28.1%
December	6,526	95,967	1,045,933	15	160	9.9%	-16.6%
1Q	6,510	301,906	3,232,523	46	497	10.2%	-12.5%
2Q	6,502	131,157	1,415,033	20	218	9.4%	-21.7%
3Q	6,526	86,936	947,423	13	145	8.8%	-19.2%
4Q	6,526	219,730	2,400,211	34	368	9.9%	-25.2%
1H	6,502	433,063	4,647,556	67	715	10.0%	-15.5%
2H	6,526	306,667	3,347,634	47	513	9.6%	-23.6%
Year	6,526	739,730	7,995,190	113	1,225	9.8%	-19.1%
2013	6,946	819,144	8,704,031	118	1,253	11.3%	2.2%
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%

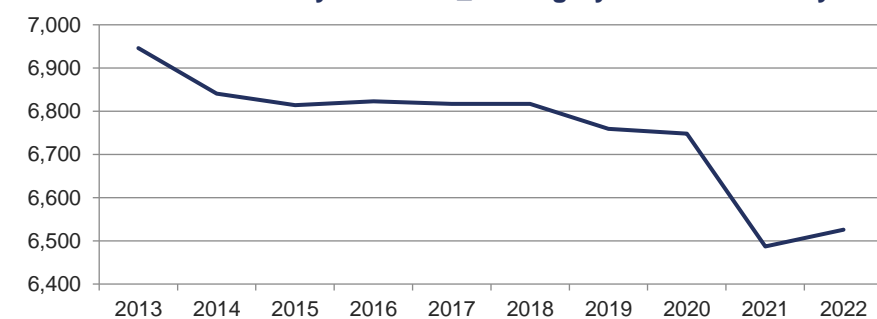
Natural gas consumption in the MD_C category in the year under review (thousands m³)



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



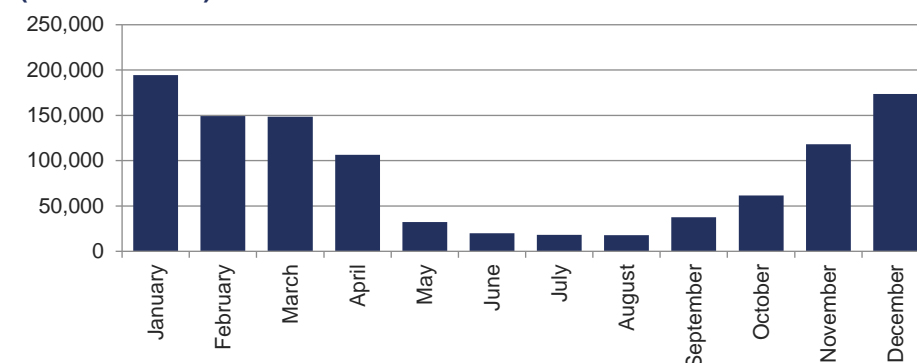
Number of customers by in the MD_C category over the last 10 years



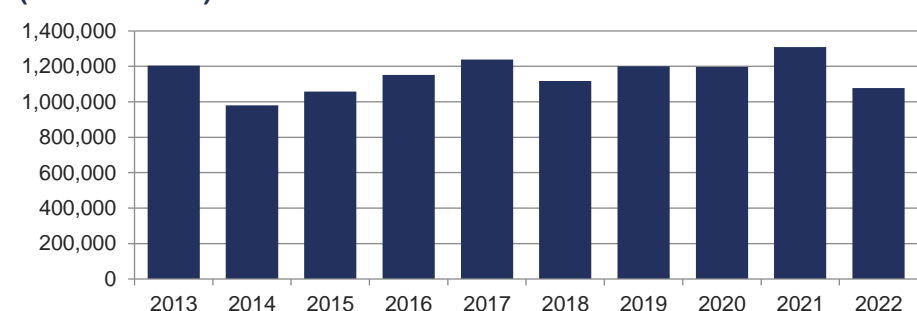
8.4 Natural gas consumption in the LD_C category in 2022 and over the last 10 years

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	206,598	194,289	2,075,723	0.940	10.047	17.1%	-9.2%
February	206,600	149,401	1,598,567	0.723	7.737	16.8%	-23.9%
March	206,722	148,350	1,593,235	0.718	7.707	16.1%	-11.5%
April	206,602	106,471	1,148,193	0.515	5.558	15.9%	-11.9%
May	206,463	32,437	348,681	0.157	1.689	8.3%	-52.0%
June	206,000	19,778	214,550	0.096	1.042	5.9%	-14.5%
July	205,447	18,046	196,303	0.088	0.955	6.3%	-14.6%
August	205,216	17,662	191,782	0.086	0.935	5.7%	-29.4%
September	204,601	37,563	411,078	0.184	2.009	9.8%	7.5%
October	204,243	61,711	676,362	0.302	3.312	12.2%	-35.0%
November	203,809	118,318	1,293,274	0.581	6.346	15.9%	-19.3%
December	203,698	173,460	1,890,752	0.852	9.282	18.0%	-12.2%
1Q	206,722	492,040	5,267,525	2.380	25.481	16.7%	-14.9%
2Q	206,000	158,687	1,711,423	0.770	8.308	11.4%	-25.0%
3Q	204,601	73,271	799,163	0.358	3.906	7.5%	-9.6%
4Q	203,698	353,489	3,860,389	1.735	18.952	15.9%	-19.5%
1H	206,000	650,727	6,978,949	3.159	33.878	15.0%	-17.6%
2H	203,698	426,760	4,659,551	2.095	22.875	13.3%	-18.0%
Year	203,698	1,077,487	11,638,500	5.290	57.136	14.3%	-17.7%
2013	201,274	1,204,242	12,790,786	5.983	63.549	16.5%	0.6%
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%

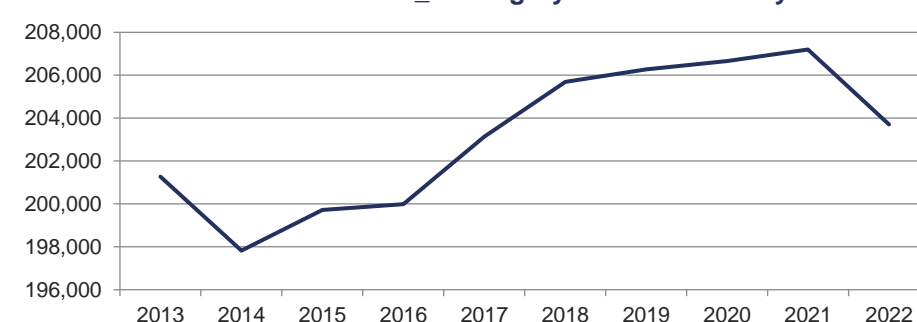
Natural gas consumption in the LD_C category in the year under review (thousands m³)



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



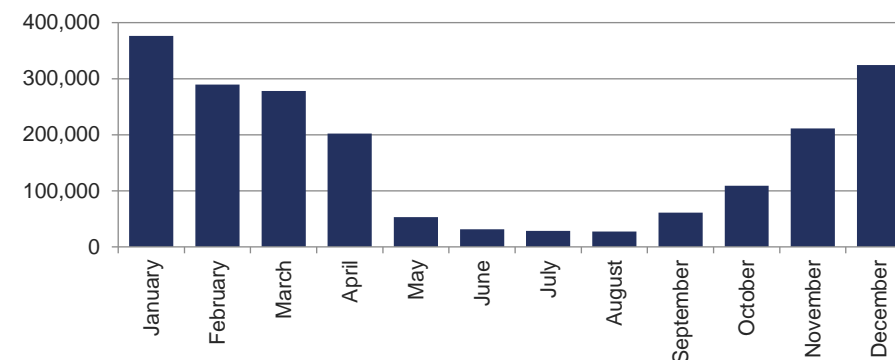
Number of customers in the LD_C category over the last 10 years



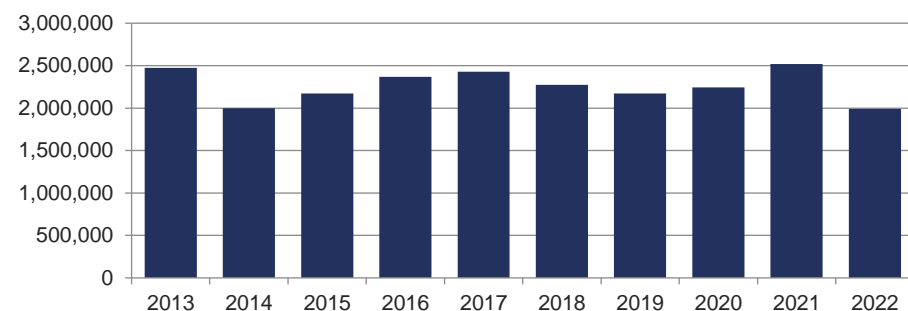
8.5 Natural gas consumption in the DOM category in 2022 and over the last 10 years

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	2,603,081	376,532	4,022,596	0.145	1.545	33.2%	-8.8%
February	2,601,500	289,387	3,095,985	0.111	1.190	32.5%	-22.6%
March	2,598,845	278,024	2,985,295	0.107	1.149	30.1%	-14.2%
April	2,595,254	202,247	2,180,595	0.078	0.840	30.1%	-15.7%
May	2,591,925	53,285	572,760	0.021	0.221	13.7%	-59.8%
June	2,588,055	31,424	340,878	0.012	0.132	9.3%	-22.8%
July	2,585,051	28,601	311,180	0.011	0.120	9.9%	-21.0%
August	2,581,381	27,449	298,067	0.011	0.115	8.8%	-39.0%
September	2,578,129	61,003	667,549	0.024	0.259	15.9%	-4.7%
October	2,574,344	108,934	1,193,940	0.042	0.464	21.5%	-41.7%
November	2,572,006	211,294	2,309,424	0.082	0.898	28.4%	-25.2%
December	2,569,422	324,135	3,532,159	0.126	1.375	33.5%	-14.8%
1Q	2,598,845	943,944	10,103,877	0.363	3.888	32.0%	-15.0%
2Q	2,588,055	286,956	3,094,234	0.111	1.196	20.5%	-30.5%
3Q	2,578,129	117,054	1,276,796	0.045	0.495	11.9%	-19.4%
4Q	2,569,422	644,362	7,035,522	0.251	2.738	29.1%	-24.1%
1H	2,588,055	1,230,899	13,198,110	0.476	5.100	28.3%	-19.2%
2H	2,569,422	761,416	8,312,318	0.296	3.235	23.8%	-23.5%
Year	2,569,422	1,992,315	21,510,428	0.775	8.372	26.4%	-20.9%
2013	2,650,488	2,473,739	26,279,115	0.933	9.915	34.0%	0.2%
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%

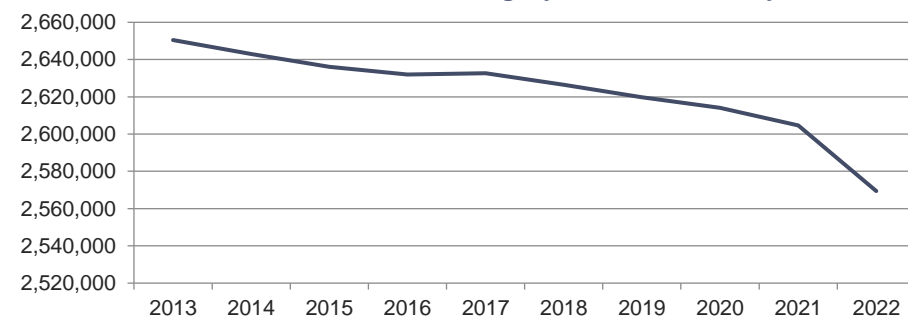
Gas consumption in the DOM category in the year under review (thousands m³)



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



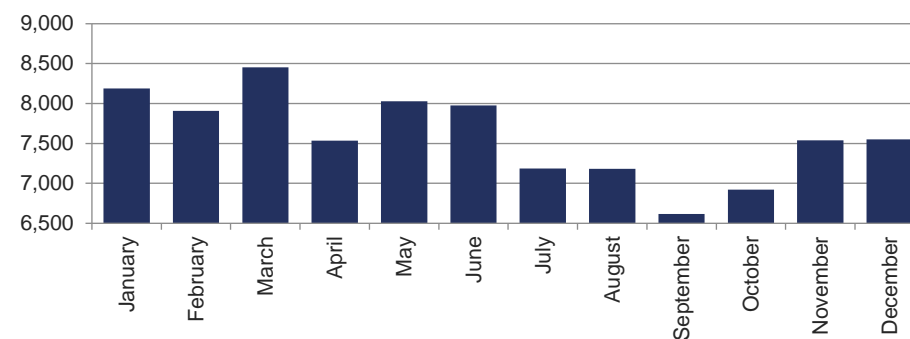
8.6 Natural gas supply to CNG stations in the Czech Republic in 2022 and over the last 10 years

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	269	8,191	87,495	30.5	325.3	0.7%	-0.3%
February	267	7,909	84,598	29.6	316.8	0.9%	5.4%
March	266	8,454	90,753	31.8	341.2	0.9%	7.1%
April	267	7,534	81,221	28.2	304.2	1.1%	-3.9%
May	267	8,028	86,268	30.1	323.1	2.1%	-3.8%
June	269	7,977	86,487	29.7	321.5	2.4%	-6.6%
July	268	7,185	78,135	26.8	291.5	2.5%	-11.1%
August	269	7,183	77,970	26.7	289.9	2.3%	-13.4%
September	271	6,619	72,384	24.4	267.1	1.7%	-21.4%
October	272	6,921	75,831	25.4	278.8	1.4%	-20.2%
November	270	7,538	82,377	27.9	305.1	1.0%	-13.1%
December	271	7,553	81,928	27.9	302.3	0.8%	-11.4%
1Q	266	24,554	262,846	92.3	988.1	0.8%	4.0%
2Q	269	23,539	253,976	87.5	944.2	1.7%	-4.8%
3Q	271	20,987	228,489	77.4	843.1	2.1%	-15.4%
4Q	271	22,012	240,135	81.2	886.1	1.0%	-14.9%
1H	269	48,093	516,823	178.8	1,921.3	1.1%	-0.5%
2H	271	43,000	468,624	158.7	1,729.2	1.3%	-15.1%
Year	271	91,093	985,447	336.1	3,636.3	1.2%	-8.0%

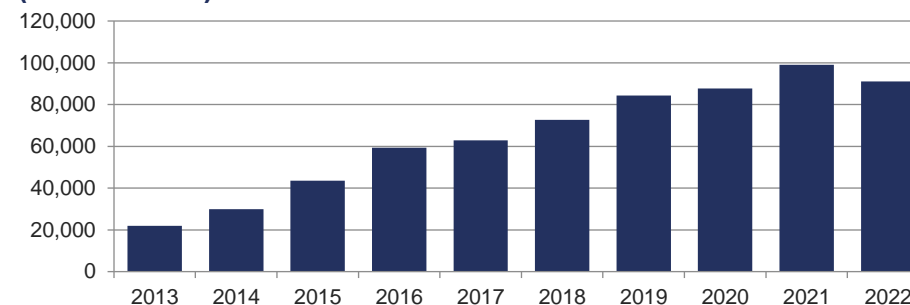
2013	50	21,952	233,305	439.0	4,666.1	0.3%	44.0%
2014	75	29,912	318,040	398.8	4,240.5	0.4%	36.3%
2015	108	43,589	464,494	403.6	4,300.9	0.5%	45.7%
2016	143	59,346	634,378	415.0	4,436.2	0.7%	36.1%
2017	196	62,917	671,442	321.0	3,425.7	0.7%	6.0%
2018	222	72,655	775,213	327.3	3,492.0	0.9%	15.5%
2019	238	84,282	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%

Note: The data for the period from 2013 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.

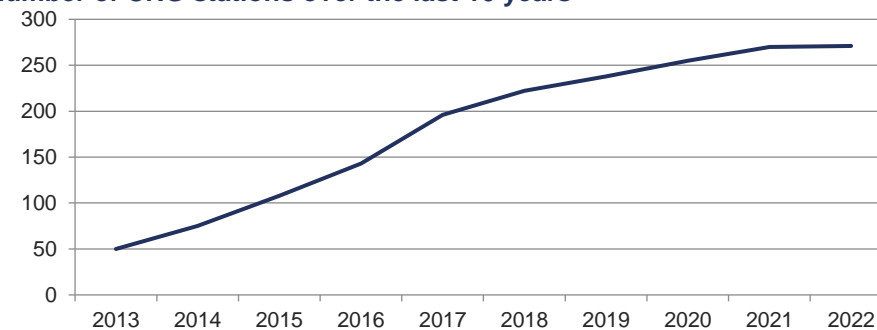
Natural gas supply to CNG stations in the year under review (thousands m³)



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



Number of CNG stations over the last 10 years

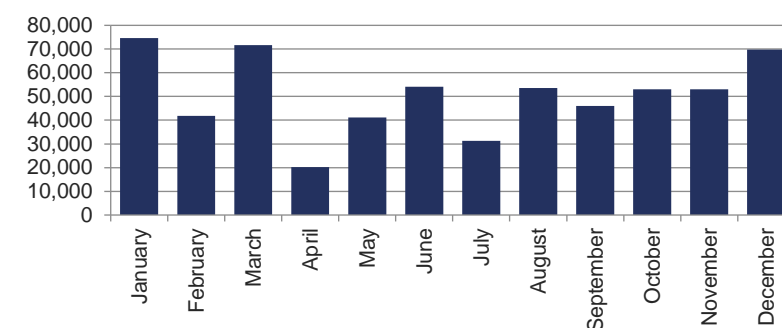


8.7 Natural gas consumption in the CR for electricity generation in 2022 and over the last 10 years

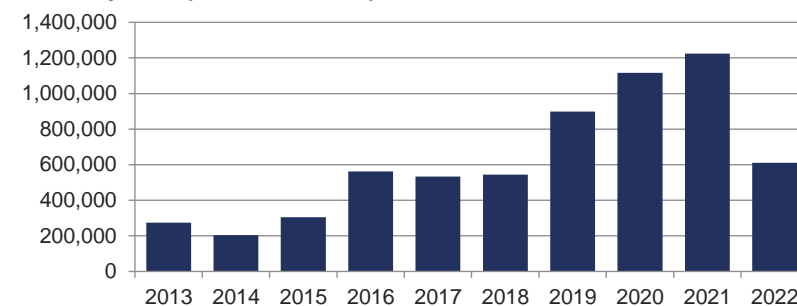
Period	Number of Natural gas consumption in the CR for electricity generation generating plants							Electricity generation's share of total consumption in the CR	Y/y change in consumption for electricity generation
	Other		PPE		Total				
	th m ³	MWh	th m ³	MWh	th m ³	MWh			
January	847	29,650	315,750	44,975	481,557	74,624	797,307	6.6%	-43.6%
February	860	25,893	276,908	15,904	170,258	41,797	447,166	4.7%	-64.5%
March	866	26,868	285,447	44,785	484,146	71,653	769,593	7.8%	-49.9%
April	864	19,462	209,677	683	7,507	20,145	217,184	3.0%	-85.1%
May	860	12,984	139,110	28,206	303,576	41,190	442,686	10.6%	-37.1%
June	863	10,591	111,121	43,504	475,820	54,095	586,942	16.1%	-50.1%
July	864	8,725	93,791	22,503	245,894	31,228	339,685	10.8%	-67.8%
August	863	10,810	116,738	42,717	464,402	53,527	581,139	17.2%	-4.6%
September	868	13,423	145,238	32,604	358,464	46,027	503,702	12.0%	-33.3%
October	867	19,730	215,593	33,286	365,494	53,017	581,087	10.4%	-22.6%
November	870	24,879	271,279	28,122	308,047	53,001	579,326	7.1%	-54.5%
December	874	27,578	297,650	42,251	463,243	69,829	760,893	7.2%	-39.0%
1Q	866	82,411	878,105	105,664	1,135,962	188,075	2,014,066	6.4%	-52.2%
2Q	863	43,036	459,908	72,393	786,903	115,430	1,246,811	8.3%	-62.7%
3Q	868	32,958	355,767	97,824	1,068,759	130,782	1,424,526	13.3%	-41.1%
4Q	874	72,187	784,522	103,659	1,136,784	175,846	1,921,306	7.9%	-41.3%
1H	863	125,447	1,338,013	178,057	1,922,865	303,504	3,260,878	7.0%	-56.8%
2H	874	105,145	1,140,289	201,483	2,205,543	306,629	3,345,832	9.6%	-41.2%
Year	874	230,592	2,478,302	379,540	4,128,408	610,133	6,606,710	8.1%	-50.1%
2013	496	180,532	1,921,853	94,068	1,001,206	274,600	2,923,059	3.8%	55.0%
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%

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 between July 2020 and December 2021.

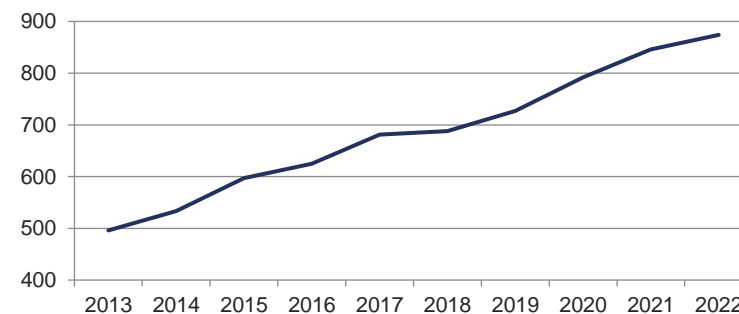
Natural gas consumption for electricity generation in the year under review (thousands m³)



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



Number of electricity generating plants over the last 10 years



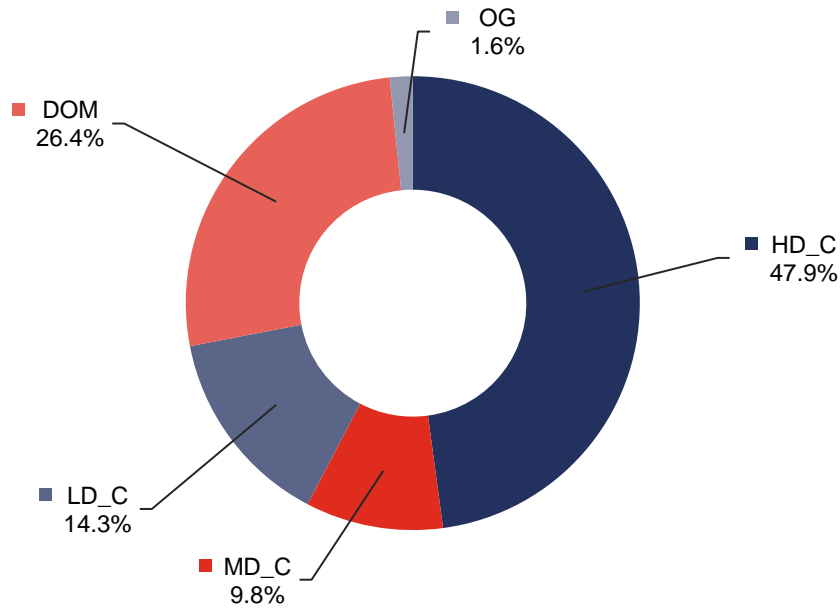
8.8 Natural gas consumption in the Czech Republic by customer category in 2022 and over the last 10 years

Period	Number of customers					Natural gas consumption											
						thousands m ³						MWh					
	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	1,656	6,600	206,598	2,603,081	2,817,935	422,567	117,363	194,289	376,532	23,511	1,134,263	4,515,090	1,253,925	2,075,723	4,022,596	251,456	12,118,790
February	1,671	6,583	206,600	2,601,500	2,816,354	337,567	92,041	149,401	289,387	22,104	890,500	3,610,829	984,927	1,598,567	3,095,985	236,660	9,526,969
March	1,660	6,510	206,722	2,598,845	2,813,737	384,449	92,502	148,350	278,024	19,294	922,619	4,130,038	993,671	1,593,235	2,985,295	207,215	9,909,454
April	1,660	6,507	206,602	2,595,254	2,810,023	286,967	68,867	106,471	202,247	6,810	671,362	3,092,677	742,914	1,148,193	2,180,595	73,605	7,237,984
May	1,659	6,515	206,463	2,591,925	2,806,562	263,686	34,863	32,437	53,285	4,624	388,896	2,833,568	374,720	348,681	572,760	49,929	4,179,657
June	1,659	6,502	206,000	2,588,055	2,802,216	256,066	27,427	19,778	31,424	1,659	336,354	2,778,388	297,400	214,550	340,878	18,307	3,649,523
July	1,643	6,507	205,447	2,585,051	2,798,648	216,437	24,814	18,046	28,601	668	288,566	2,354,014	269,890	196,303	311,180	7,541	3,138,926
August	1,642	6,524	205,216	2,581,381	2,794,763	238,622	26,654	17,662	27,449	717	311,105	2,590,500	289,393	191,782	298,067	7,884	3,377,627
September	1,640	6,526	204,601	2,578,129	2,790,896	246,585	35,468	37,563	61,003	2,738	383,358	2,698,511	388,141	411,078	667,549	30,011	4,195,290
October	1,631	6,523	204,243	2,574,344	2,786,741	278,534	48,868	61,711	108,934	9,563	507,609	3,052,745	535,577	676,362	1,193,940	105,005	5,563,628
November	1,648	6,509	203,809	2,572,006	2,783,972	324,255	74,896	118,318	211,294	14,208	742,971	3,543,933	818,702	1,293,274	2,309,424	155,763	8,121,096
December	1,638	6,526	203,698	2,569,422	2,781,284	355,504	95,967	173,460	324,135	17,093	966,158	3,872,772	1,045,933	1,890,752	3,532,159	186,138	10,527,754
1Q	1,660	6,510	206,722	2,598,845	2,813,737	1,144,583	301,906	492,040	943,944	64,910	2,947,383	12,255,957	3,232,523	5,267,525	10,103,877	695,331	31,555,212
2Q	1,659	6,502	206,000	2,588,055	2,802,216	806,720	131,157	158,687	286,956	13,093	1,396,613	8,704,633	1,415,033	1,711,423	3,094,234	141,842	15,067,165
3Q	1,640	6,526	204,601	2,578,129	2,790,896	701,644	86,936	73,271	117,054	4,123	983,029	7,643,025	947,423	799,163	1,276,796	45,436	10,711,843
4Q	1,638	6,526	203,698	2,569,422	2,781,284	958,292	219,730	353,489	644,362	40,864	2,216,738	10,469,450	2,400,211	3,860,389	7,035,522	446,906	24,212,478
1H	1,659	6,502	206,000	2,588,055	2,802,216	1,951,303	433,063	650,727	1,230,899	78,003	4,343,996	20,960,590	4,647,556	6,978,949	13,198,110	837,173	46,622,377
2H	1,638	6,526	203,698	2,569,422	2,781,284	1,659,936	306,667	426,760	761,416	44,988	3,199,767	18,112,475	3,347,634	4,659,551	8,312,318	492,342	34,924,321
Year	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
2013	1,637	6,946	201,274	2,650,488	2,860,345	3,627,323	819,144	1,204,242	2,473,739	152,646	8,277,094	38,572,429	8,704,031	12,790,786	26,279,115	1,622,237	87,968,598
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

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

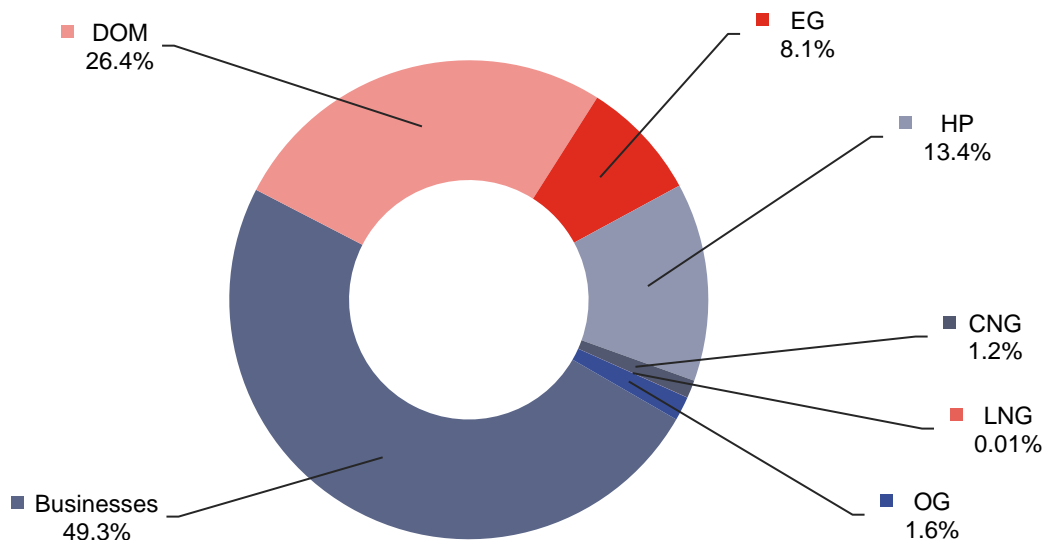
	HD_C	MD_C	LD_C	DOM	OG	Total
Gas consumption (th m ³)	3,611,239	739,730	1,077,487	1,992,315	122,991	7,543,762
Gas consumption (MWh)	39,073,065	7,995,190	11,638,500	21,510,428	1,329,514	81,546,698
Share	47.9%	9.8%	14.3%	26.4%	1.6%	100.0%
Number of customers	1,638	6,526	203,698	2,569,422		2,781,284



Natural gas consumption in the CR by way of use





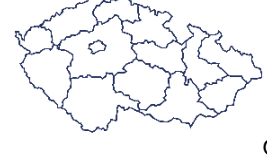
	Businesses	DOM	EG	HP	CNG	LNG	OG	Total
Gas consumption (th m ³)	3,716,050	1,992,315	610,133	1,010,494	91,093	687	122,991	7,543,762
Gas consumption (MWh)	40,184,031	21,510,428	6,606,710	10,923,261	985,447	7,307	1,329,514	81,546,698
Share	49.3%	26.4%	8.1%	13.4%	1.2%	0.01%	1.6%	100.0%
Customers/installations/stations	209,604	2,569,422	874	1,976	271	10		2,781,284

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

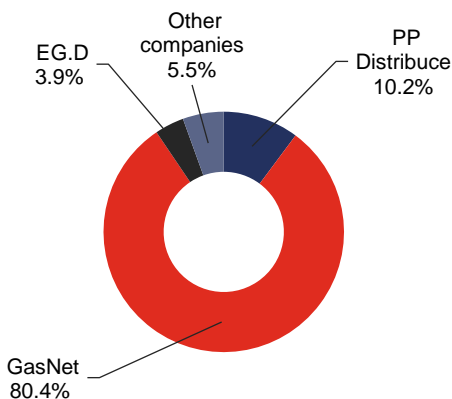
Category	Number of 2022 customers on 31 Dec 2022						2021		
		th m ³	MWh	Share	Y/y change	th m ³	MWh	Share	
Czech Republic									
	HD_C	1,578	3,557,574	38,492,265	47.2%	-22.1%	4,565,694	48,749,273	48.4%
	MD_C	6,338	702,714	7,594,988	9.3%	-19.4%	871,903	9,310,430	9.2%
	LD_C	203,675	1,077,076	11,634,056	14.3%	-14.0%	1,252,735	13,377,983	13.3%
	DOM	2,569,422	1,992,315	21,510,428	26.4%	-20.9%	2,518,716	26,898,782	26.7%
	CNG	271	91,093	985,447	1.2%	-8.0%	99,016	1,057,132	1.0%
	OG+VS+PKS		122,991	1,329,514	1.6%	-2.1%	125,670	1,343,877	1.3%
	Total	2,781,284	7,543,762	81,546,698	100.0%	-20.0%	9,433,734	100,737,477	100.0%
Pražská plynárenská Distribuce, a.s.									
	HD_C	138	167,000	1,810,389	21.7%	-13.8%	193,633	2,066,603	21.1%
	MD_C	1,507	144,470	1,566,156	18.8%	-16.3%	172,673	1,842,901	18.8%
	LD_C	37,679	179,387	1,944,689	23.4%	-16.1%	213,836	2,282,228	23.3%
	DOM	368,076	248,650	2,695,543	32.4%	-17.1%	299,948	3,201,278	32.7%
	CNG	38	11,933	129,365	1.6%	-18.6%	14,652	156,373	1.6%
	OG		16,789	182,006	2.2%	-21.4%	21,354	227,910	2.3%
	Total	407,438	768,229	8,328,147	100.0%	-16.1%	916,095	9,777,294	100.0%
GasNet, s.r.o.									
	HD_C	1,244	2,878,599	31,127,126	47.5%	-22.6%	3,717,128	39,695,076	48.9%
	MD_C	4,350	519,635	5,612,893	8.6%	-19.9%	648,723	6,928,315	8.5%
	LD_C	154,279	842,805	9,098,466	13.9%	-13.2%	971,059	10,371,577	12.8%
	DOM	2,091,335	1,661,020	17,924,929	27.4%	-21.5%	2,116,838	22,609,129	27.8%
	CNG	210	73,838	798,908	1.2%	-6.6%	79,032	843,927	1.0%
	OG		87,260	940,661	1.4%	22.0%	71,518	763,979	0.9%
	Total	2,251,418	6,063,157	65,502,983	100.0%	-20.3%	7,604,296	81,212,003	100.0%
EG.D, a.s.									
	HD_C	100	111,539	1,203,238	37.6%	-8.9%	122,464	1,307,650	34.8%
	MD_C	347	37,953	409,029	12.8%	-23.6%	49,706	530,740	14.1%
	LD_C	10,596	54,048	582,022	18.2%	-18.9%	66,664	711,817	18.9%
	DOM	101,965	82,437	887,731	27.8%	-18.9%	101,680	1,085,703	28.9%
	CNG	17	4,802	51,787	1.6%	-3.6%	4,981	53,188	1.4%
	OG		5,670	61,112	1.9%	-16.1%	6,755	72,124	1.9%
	Total	113,025	296,448	3,194,919	100.0%	-15.8%	352,250	3,761,221	100.0%
Other companies *									
	HD_C	96	400,436	4,351,512	96.3%	-24.8%	532,470	5,679,944	94.9%
	MD_C	134	656	6,910	0.2%	-18.2%	802	8,474	0.1%
	LD_C	1,121	836	8,879	0.2%	-28.9%	1,176	12,360	0.2%
	DOM	8,046	209	2,226	0.1%	-16.5%	251	2,671	0.0%
	CNG	6	519	5,387	0.1%	47.8%	352	3,644	0.1%
	OG+VS+PKS		13,271	145,736	3.2%	-49.0%	26,043	279,864	4.6%
	Total	9,403	415,928	4,520,649	100.0%	-25.9%	561,093	5,986,958	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).

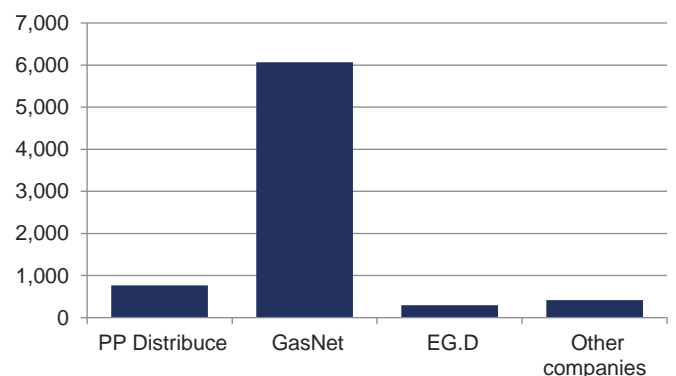
9.2 Natural gas consumption by gas system in the Czech Republic in 2022

Period	thousands m ³					MWh				
	PP Distribuce	GasNet	EG.D	Other companies	Total	PP Distribuce	GasNet	EG.D	Other companies	Total
2022										
January	130,387	910,406	44,985	48,485	1,134,263	1,394,340	9,725,047	480,282	519,121	12,118,790
February	102,886	731,827	36,666	19,122	890,500	1,103,405	7,826,733	392,158	204,672	9,526,969
March	100,233	737,192	36,894	48,301	922,619	1,081,828	7,911,418	394,441	521,767	9,909,454
April	74,550	563,107	28,311	5,394	671,362	809,197	6,068,092	302,457	58,238	7,237,984
May	27,622	313,817	14,858	32,599	388,896	298,028	3,371,928	158,932	350,770	4,179,657
June	19,349	259,233	11,606	46,166	336,354	211,928	2,807,946	124,974	504,675	3,649,523
July	18,844	235,295	10,146	24,281	288,566	206,303	2,557,612	109,754	265,258	3,138,926
August	18,444	237,313	10,659	44,688	311,105	201,105	2,574,978	115,844	485,700	3,377,627
September	29,906	303,571	15,231	34,650	383,358	329,066	3,320,011	165,664	380,548	4,195,290
October	46,755	405,362	19,199	36,294	507,609	512,715	4,442,646	210,257	398,010	5,563,628
November	83,653	598,773	29,740	30,804	742,971	916,317	6,543,496	323,856	337,426	8,121,096
December	115,598	767,260	38,154	45,145	966,158	1,263,913	8,353,077	416,299	494,464	10,527,754
1Q	333,506	2,379,425	118,544	115,907	2,947,383	3,579,574	25,463,198	1,266,881	1,245,560	31,555,212
2Q	121,522	1,136,157	54,775	84,158	1,396,613	1,319,154	12,247,966	586,363	913,683	15,067,165
3Q	67,195	776,179	36,036	103,619	983,029	736,474	8,452,600	391,263	1,131,506	10,711,843
4Q	246,006	1,771,395	87,093	112,244	2,216,738	2,692,946	19,339,220	950,413	1,229,900	24,212,478
1H	455,028	3,515,583	173,319	200,065	4,343,996	4,898,727	37,711,163	1,853,244	2,159,243	46,622,377
2H	313,201	2,547,574	123,129	215,863	3,199,767	3,429,420	27,791,820	1,341,675	2,361,406	34,924,321
Year	768,229	6,063,157	296,448	415,928	7,543,762	8,328,147	65,502,983	3,194,919	4,520,649	81,546,698

Gas companies' shares of gas consumption in 2022



Gas consumption attributable to gas companies in 2022 (million m³)



Air temperature in 2022 (°C)

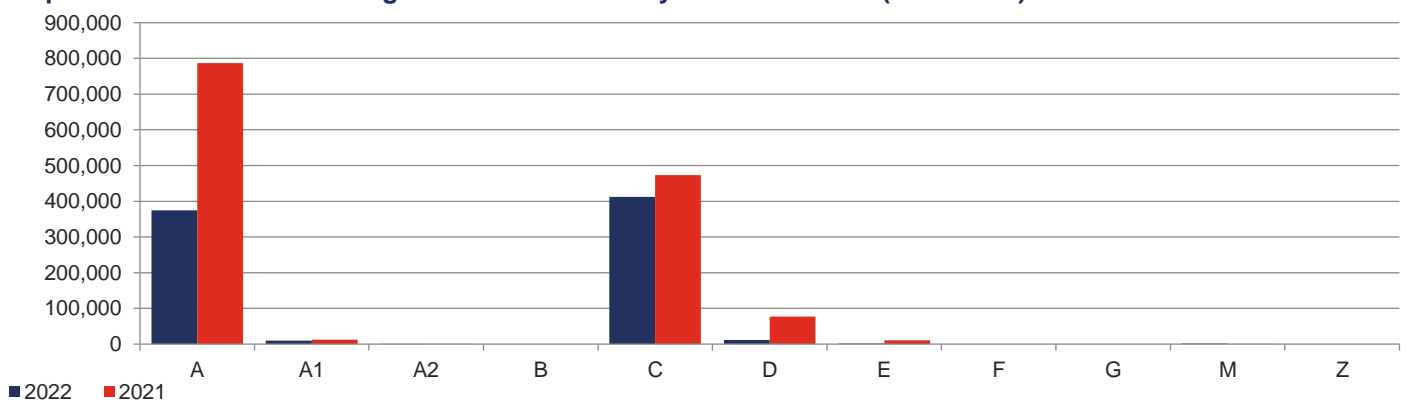
	PP Distribuce	GasNet	EG.D	Other companies	Total
Year	11.0	9.5	9.1	9.5	9.5
Maximum	29.6	25.3	25.0	25.2	25.2
Minimum	-8.8	-8.3	-9.8	-8.5	-8.5
The normal	9.1	8.1	7.5	8.5	8.5
Difference	1.9	1.4	1.6	0.9	0.9



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		
		2022	2021	2022	2021	Y/y change	2022	2021	
LDS in RDS ¹⁾	Natural gas for distribution	A	9,225	8,580	374,940.2	786,494.0	-52.3%	4,054,465.4	8,393,594.0
	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	1	1,300.9	919.5	41.5%	13,319.4	9,655.1
	Other	Z	0	0	0.0	0.0		0.0	0.0
	Total distribution of natural gas	A+A1+A2+M	9,227	8,581	376,241.1	787,413.5	-52.2%	4,067,784.8	8,403,249.1
All gases	Total	9,227	8,581	376,241.1	787,413.5	-52.2%	4,067,784.8	8,403,249.1	
LDS outside RDS ²⁾	Natural gas for distribution	A	0	0	0.0	0.0			0.0
	Carbonic natural gas	A1	161	164	10,250.2	12,301.3	-16.7%	107,760.6	129,231.2
	Natural gas (LNG)	A2	10	4	1,247.4	990.8	25.9%	13,097.9	10,402.9
	Propane, butane and their mixtures	B	0	0	0.0	0.0		0.0	0.0
	Coke-oven gas	C	3	3	412,315.4	472,884.1	-12.8%	2,188,624.0	2,544,179.9
	Mine gas	D	10	10	11,800.0	77,030.6	-84.7%	111,740.8	806,161.2
	Landfill gas	E	1	1	1,886.0	10,437.0	-81.9%	6,701.0	45,793.0
	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	171	168	11,497.6	13,292.1	-13.5%	120,858.5	139,634.0
All gases	Total	185	182	437,499.0	573,643.8	-23.7%	2,427,924.4	3,535,768.1	
Total LDS	Natural gas for distribution	A	9,225	8,580	374,940	786,494	-52.3%	4,054,465	8,393,594
	Carbonic natural gas	A1	161	164	10,250	12,301	-16.7%	107,761	129,231
	Natural gas (LNG)	A2	10	4	1,247	991	25.9%	13,098	10,403
	Propane, butane and their mixtures	B	0	0	0	0		0	0
	Coke-oven gas	C	3	3	412,315	472,884	-12.8%	2,188,624	2,544,180
	Mine gas	D	10	10	11,800	77,031	-84.7%	111,741	806,161
	Landfill gas	E	1	1	1,886	10,437	-81.9%	6,701	45,793
	Biogas	F	0	0	0	0		0	0
	Producer gas	G	0	0	0	0		0	0
	Biomethane	M	2	1	1,301	919	41.5%	13,319	9,655
	Other	Z	0	0	0	0		0	0
	Total distribution of natural gas	A+A1+A2+M	9,398	8,749	387,738.7	800,705.6	-51.6%	4,188,643.3	8,542,883.1
All gases	Total	9,412	8,763	813,740.1	1,361,057.3	-40.2%	6,495,709.1	11,939,017.2	

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 2022 (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.	371,765	96	371,861	2,490,005	554,875	3,044,880	834,936	207,560	1,042,496	3,696,706	762,531	4,459,237
GasNet, s.r.o.	11,115,260	0	11,115,260	34,254,923	7,906,206	42,161,129	8,496,054	3,257,969	11,754,023	53,866,237	11,164,175	65,030,412
EG.D, a.s.	1,240,034	0	1,240,034	2,388,818	614,986	3,003,804	271,443	109,138	380,581	3,900,295	724,124	4,624,419
Total	12,727,059	96	12,727,155	39,133,746	9,076,067	48,209,813	9,602,433	3,574,667	13,177,100	61,463,238	12,650,830	74,114,068

Local distribution system operators (LDS)

Total	44,029	0	44,029	762,749	80,220	842,969	36,468	1,717	38,185	843,246	81,937	925,183
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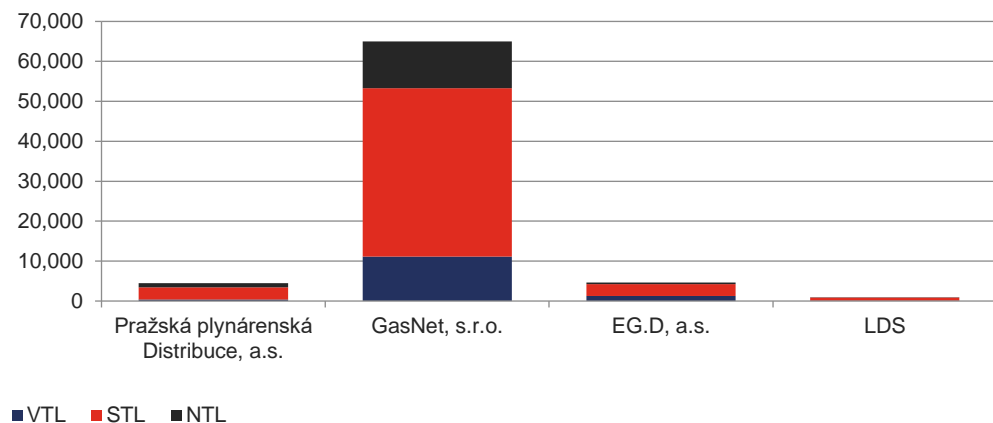
Transmission system operator (TSO)

NET4GAS, s.r.o.	4,058,560	0	4,058,560	0	0	0	0	0	0	4,058,560	0	4,058,560
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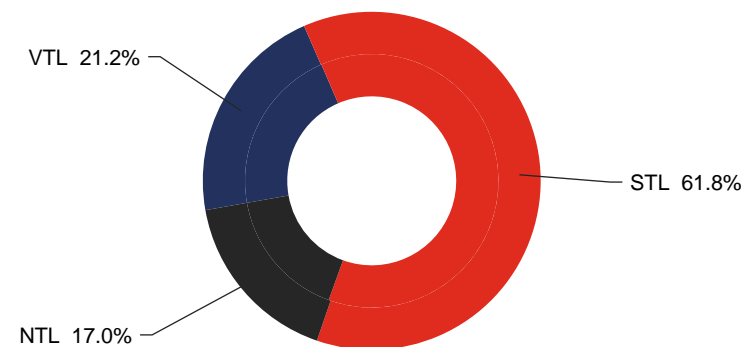
Czech Republic

RDS + LDS	12,771,088	96	12,771,184	39,896,495	9,156,287	49,052,782	9,638,901	3,576,384	13,215,285	62,306,484	12,732,767	75,039,251
RDS + PPS	16,785,619	96	16,785,715	39,133,746	9,076,067	48,209,813	9,602,433	3,574,667	13,177,100	65,521,798	12,650,830	78,172,628
RDS + LDS + PPS	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

DSOs' and TSO's pipeline lengths (km)



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

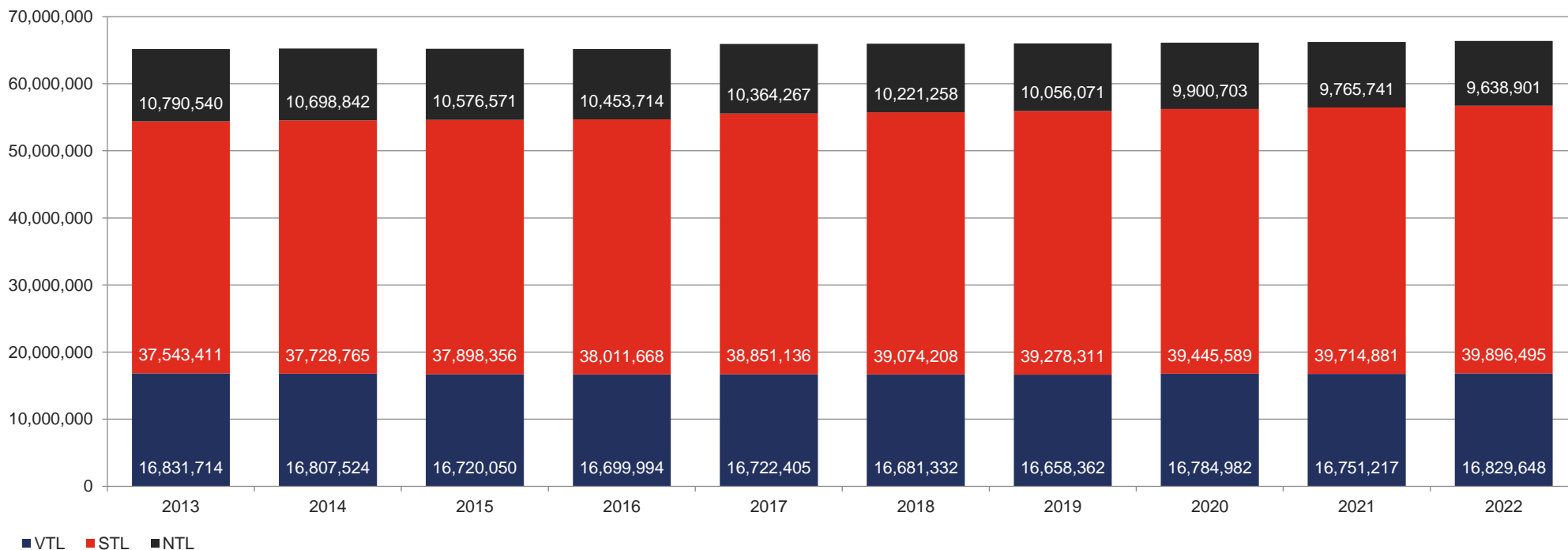


9.5 Pipeline lengths of gas systems in the Czech Republic by pressure level over the last 10 years

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

Period	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
2013	16,831,714			37,543,411			10,790,540			65,165,665		
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

Pipeline lengths between 2013 and 2022 (without service pipes)



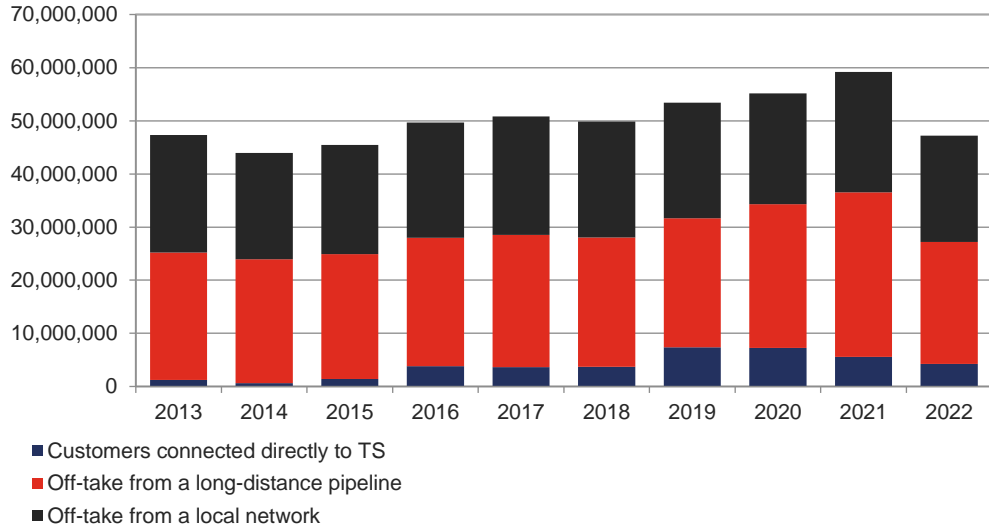
10 TARIFF STATISTICS BY DEMAND CATEGORY AND OFF-TAKE BAND IN THE CZECH REPUBLIC OVER THE LAST 10 YEARS

Categories and bands (MWh)	2013		2014		2015		2016		2017		2018		2019		2020		2021		2022	
	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	1,235,892	11	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
Off-take from a long-distance	23,981,280	921	23,351,837	910	23,514,169	923	24,135,732	939	24,867,155	930	24,322,452	895	24,313,820	895	27,042,808	913	30,939,069	902	22,945,796	899
Off-take from a local network	22,116,954	7,679	20,001,096	7,509	20,545,343	7,478	21,717,848	7,470	22,319,576	7,351	21,797,113	7,402	21,697,909	7,329	20,836,310	7,286	22,679,424	7,156	19,968,513	7,033
LD_C																				
0 - 1.89	11,947	19,235	13,104	20,683	14,143	19,468	12,866	18,174	14,208	16,847	12,934	17,783	13,118	17,838	11,916	18,642	12,970	19,098	12,411	19,063
1.89 - 7.56	95,165	19,086	123,817	24,245	80,477	22,521	111,562	21,439	99,316	19,577	104,050	21,959	107,342	22,228	113,682	22,094	104,014	20,609	104,899	22,488
7.56 - 15	308,503	27,970	335,359	31,427	341,587	30,561	336,799	29,486	318,403	28,815	326,500	31,720	337,168	31,893	344,923	30,801	316,010	28,191	325,054	30,712
15 - 25	524,627	27,469	523,920	27,883	516,141	27,988	560,345	27,669	548,723	28,706	538,426	29,715	547,683	29,467	561,289	28,596	537,758	28,063	535,080	28,134
25 - 45	1,116,784	33,438	1,016,327	32,012	1,040,029	32,517	1,155,922	33,266	1,159,742	34,469	1,091,351	34,256	1,105,621	34,051	1,128,114	33,910	1,150,615	34,240	1,071,365	32,865
45 - 63	822,666	15,695	732,383	14,304	783,072	14,954	840,517	15,482	856,813	16,010	798,087	15,643	806,097	15,550	854,786	16,068	869,847	16,517	821,733	15,836
63 - 630	10,020,161	58,081	7,796,081	49,290	8,648,161	52,058	9,521,333	54,868	10,413,835	57,939	9,030,186	53,861	9,117,291	53,939	9,250,922	55,509	10,329,218	59,274	8,761,869	53,446
DOM																				
0 - 1.89	512,722	1,143,398	509,724	1,165,958	504,999	1,155,516	520,999	1,144,692	487,845	1,119,223	496,775	1,109,486	491,929	1,107,525	459,602	1,101,677	453,461	1,073,533	404,819	1,071,751
1.89 - 7.56	1,394,545	309,743	1,881,753	384,638	1,113,618	355,037	1,670,801	337,980	1,513,725	317,192	1,693,837	354,424	1,702,065	357,658	1,675,437	346,490	1,425,154	304,600	1,740,822	374,069
7.56 - 15	4,771,267	447,691	5,488,567	515,629	5,508,408	489,686	5,475,166	466,013	5,094,859	469,579	5,222,077	498,059	5,245,993	497,758	5,396,279	481,661	4,878,403	441,069	5,516,948	513,153
15 - 25	8,001,273	428,109	7,473,193	391,848	7,768,173	408,277	8,352,134	414,154	8,265,932	429,838	8,018,167	412,843	8,009,845	411,380	8,331,224	428,438	8,455,317	441,022	7,747,098	410,283
25 - 45	9,320,149	288,393	4,991,074	166,489	6,785,665	206,844	7,622,783	244,482	8,721,404	262,975	7,195,291	219,943	7,112,262	218,326	6,901,899	226,486	9,555,218	300,034	5,203,663	175,967
45 - 63	1,436,421	25,595	446,199	12,217	832,468	15,540	916,277	18,869	1,175,114	21,026	966,120	19,357	930,980	19,032	830,758	16,953	1,464,998	29,178	530,555	11,940
63 - 630	566,274	5,930	232,016	3,900	408,833	4,699	428,906	4,920	539,357	5,591	520,412	5,880	490,261	5,745	444,285	5,031	647,982	7,680	357,377	4,180
MO+DOM	38,902,504	2,849,833	31,563,517	2,840,523	34,345,773	2,835,666	37,526,411	2,831,494	39,209,276	2,827,787	36,014,212	2,824,929	36,017,655	2,822,390	36,305,115	2,812,356	40,200,966	2,803,108	33,133,692	2,763,887
TOTAL	86,236,630	2,858,444	75,530,828	2,848,953	79,817,456	2,844,078	87,209,938	2,839,914	90,045,015	2,836,079	85,843,948	2,833,237	89,397,122	2,830,625	91,444,612	2,820,566	99,396,509	2,811,177	80,317,055	2,771,830

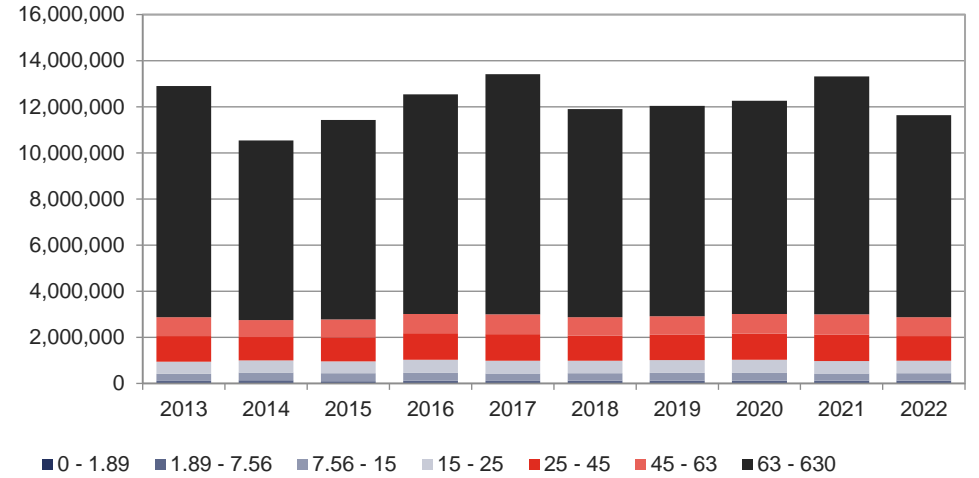
Note:

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. In the gas industry, the tariff bands have been changing over the years.

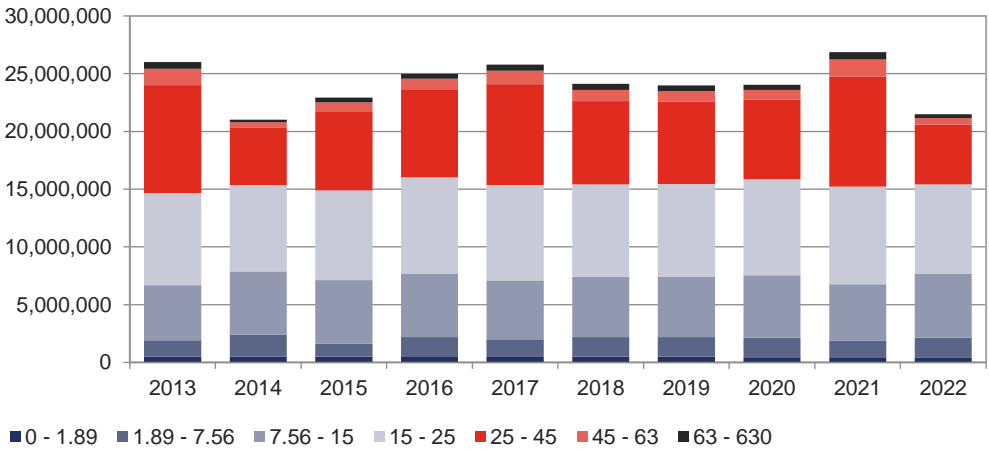
HD_C+MD_C – distributed quantity (MWh)



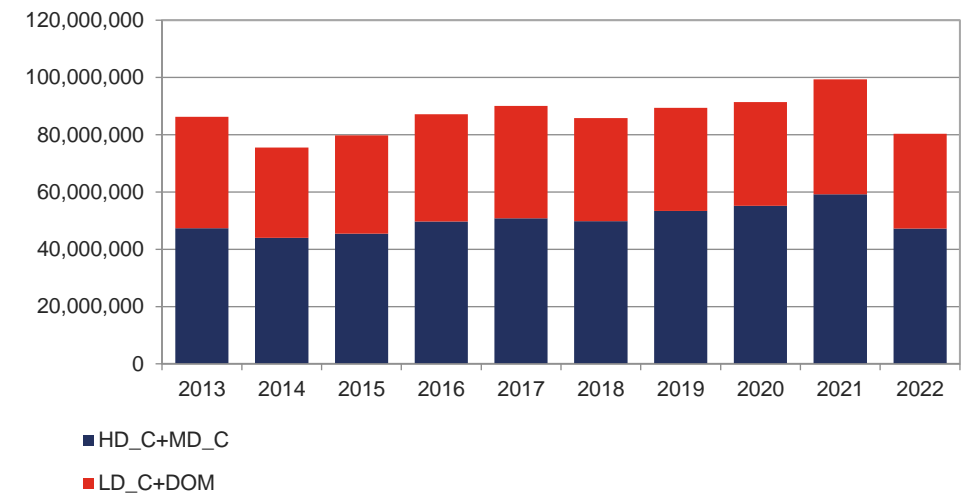
LD_C – distributed quantity (MWh)



DOM – distributed quantity (MWh)




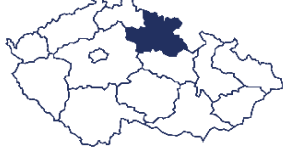






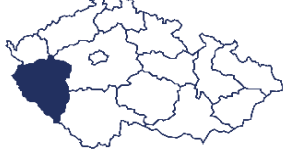





HD_C+MD_C / LD_C+DOM – distributed quantity (MWh)



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 2022	2022					2021		
		th m ³	MWh	Share	Y/y change	th m ³	MWh	Share	
Jihočeský Region									
	HD_C	84	97,344	1,050,182	37.8%	-8.4%	106,221	1,134,215	34.8%
	MD_C	295	32,927	354,909	12.8%	-24.4%	43,557	465,088	14.3%
	LD_C	9,545	47,435	510,828	18.4%	-18.9%	58,469	624,312	19.1%
	DOM	93,648	75,369	811,636	29.3%	-19.0%	92,991	992,932	30.4%
	CNG	15	4,167	44,945	1.6%	-5.5%	4,412	47,105	1.4%
	Total	103,587	257,243	2,772,500	100.0%	-15.8%	305,650	3,263,652	100.0%
Jihomoravský Region									
	HD_C	193	362,650	3,919,823	38.5%	-12.0%	412,183	4,402,131	36.7%
	MD_C	828	97,741	1,055,800	10.4%	-16.4%	116,948	1,249,055	10.4%
	LD_C	23,929	134,472	1,451,683	14.3%	-13.2%	154,955	1,655,031	13.8%
	DOM	352,577	333,678	3,600,887	35.4%	-21.5%	425,245	4,541,883	37.9%
	CNG	28	12,996	140,612	1.4%	-8.0%	14,121	150,792	1.3%
	Total	377,555	941,537	10,168,806	100.0%	-16.2%	1,123,454	11,998,892	100.0%
Karlovarský Region									
	HD_C	56	95,955	1,037,930	49.6%	-83.4%	577,451	6,166,259	82.7%
	MD_C	164	17,963	194,003	9.3%	-23.6%	23,507	251,039	3.4%
	LD_C	5,850	33,511	361,770	17.3%	-13.1%	38,549	411,726	5.5%
	DOM	76,938	44,149	476,434	22.8%	-21.5%	56,264	600,937	8.1%
	CNG	7	1,849	20,000	1.0%	-10.3%	2,061	22,009	0.3%
	Total	83,015	193,427	2,090,137	100.0%	-72.3%	697,832	7,451,970	100.0%
Královéhradecký Region									
	HD_C	78	123,820	1,338,589	41.0%	-12.4%	141,319	1,509,193	39.4%
	MD_C	250	30,898	333,692	10.2%	-14.3%	36,042	384,925	10.1%
	LD_C	9,866	53,103	573,275	17.6%	-13.2%	61,211	653,778	17.1%
	DOM	106,221	92,370	996,817	30.6%	-21.5%	117,719	1,257,309	32.9%
	CNG	17	1,660	17,950	0.6%	-18.5%	2,038	21,758	0.6%
	Total	116,432	301,852	3,260,323	100.0%	-15.8%	358,329	3,826,962	100.0%
Liberecký Region									
	HD_C	92	124,254	1,343,249	42.8%	-14.8%	145,820	1,557,265	41.8%
	MD_C	288	33,498	361,755	11.5%	-16.6%	40,189	429,199	11.5%
	LD_C	8,796	57,751	623,451	19.9%	-13.2%	66,545	710,748	19.1%
	DOM	82,759	72,205	779,200	24.8%	-21.5%	92,019	982,823	26.4%
	CNG	9	2,856	30,909	1.0%	-32.5%	4,228	45,152	1.2%
	Total	91,944	290,564	3,138,565	100.0%	-16.7%	348,802	3,725,187	100.0%
Moravskoslezský Region									
	HD_C	174	417,934	4,515,253	53.1%	-12.5%	477,854	5,101,002	51.6%
	MD_C	461	50,910	549,842	6.5%	-14.0%	59,227	632,448	6.4%
	LD_C	18,214	92,941	1,003,310	11.8%	-13.2%	107,103	1,143,912	11.6%
	DOM	353,893	201,115	2,170,296	25.6%	-21.5%	256,288	2,737,309	27.7%
	CNG	33	23,737	256,669	3.0%	-4.4%	24,839	265,126	2.7%
	Total	372,775	786,637	8,495,371	100.0%	-15.0%	925,311	9,879,796	100.0%
Olomoucký Region									
	HD_C	116	199,285	2,154,960	44.6%	-5.0%	209,693	2,239,350	40.6%
	MD_C	354	40,839	441,142	9.1%	-21.7%	52,129	556,739	10.1%
	LD_C	13,133	69,120	746,187	15.5%	-13.2%	79,617	850,362	15.4%
	DOM	170,955	133,148	1,436,870	29.8%	-21.5%	169,687	1,812,357	32.9%
	CNG	15	4,739	51,264	1.1%	-1.8%	4,828	51,558	0.9%
	Total	184,573	447,133	4,830,422	100.0%	-13.3%	515,955	5,510,366	100.0%

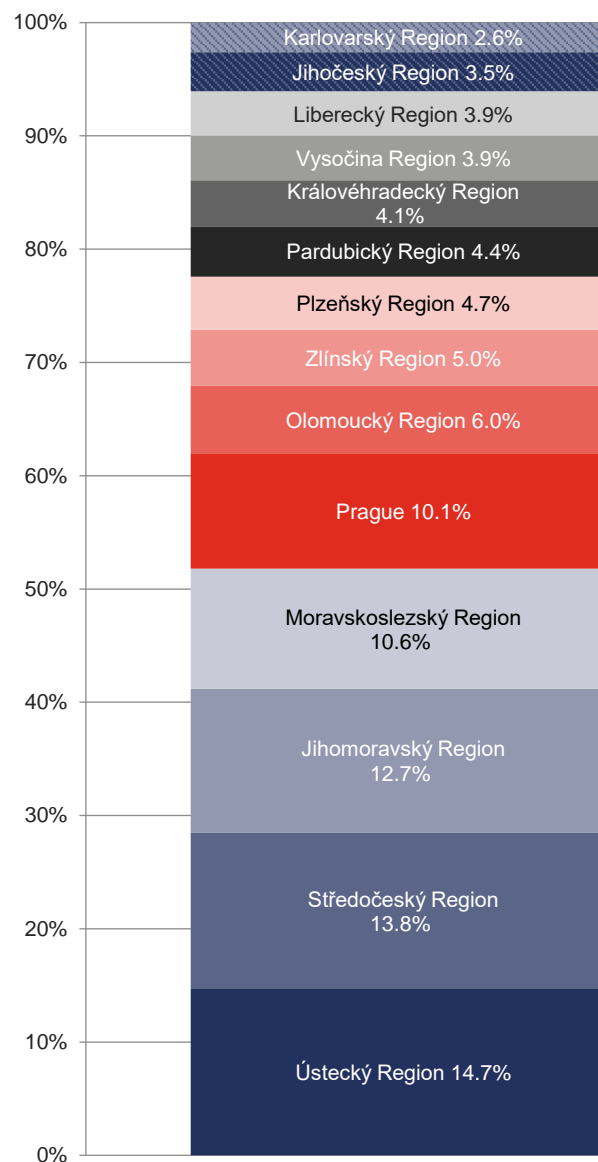
Category	Number of customers on 31 Dec 2022	2022					2021		
		th m ³	MWh	Share	Y/y change	th m ³	MWh	Share	
Pardubický Region									
	HD_C	79	129,450	1,399,430	39.3%	-13.0%	148,756	1,588,529	37.5%
	MD_C	278	33,975	367,046	10.3%	-24.4%	44,911	479,645	11.3%
	LD_C	11,250	56,573	610,734	17.2%	-13.2%	65,206	696,448	16.4%
	DOM	123,307	106,146	1,145,474	32.3%	-21.5%	135,274	1,444,813	34.1%
	CNG	15	2,969	32,109	0.9%	2.2%	2,906	31,027	0.7%
	Total	134,929	329,113	3,554,793	100.0%	-17.1%	397,053	4,240,462	100.0%
Plzeňský Region									
	HD_C	84	148,773	1,608,940	42.7%	-7.2%	160,315	1,711,958	39.8%
	MD_C	332	37,407	403,882	10.7%	-15.1%	44,057	470,532	10.9%
	LD_C	11,799	62,042	669,765	17.8%	-13.2%	71,489	763,549	17.7%
	DOM	145,788	98,120	1,058,866	28.2%	-21.5%	125,046	1,335,572	31.0%
	CNG	14	1,812	19,598	0.5%	-7.0%	1,949	20,807	0.5%
	Total	158,017	348,153	3,761,050	100.0%	-13.6%	402,855	4,302,417	100.0%
Prague									
	HD_C	138	167,000	1,810,389	22.2%	-13.8%	193,633	2,066,603	21.6%
	MD_C	1,514	144,470	1,566,156	19.2%	-16.3%	172,673	1,842,901	19.3%
	LD_C	37,726	179,387	1,944,689	23.9%	-16.1%	213,836	2,282,228	23.9%
	DOM	368,169	248,650	2,695,543	33.1%	-17.1%	299,948	3,201,278	33.5%
	CNG	38	11,933	129,365	1.6%	-18.6%	14,652	156,373	1.6%
	Total	407,585	751,440	8,146,142	100.0%	-16.0%	894,741	9,549,384	100.0%
Středočeský Region									
	HD_C	188	586,845	6,347,972	57.2%	-7.1%	631,584	6,744,617	53.2%
	MD_C	635	78,293	845,924	7.6%	-31.0%	113,460	1,211,706	9.6%
	LD_C	19,161	106,018	1,144,517	10.3%	-13.2%	122,146	1,304,608	10.3%
	DOM	237,684	241,485	2,605,997	23.6%	-21.5%	307,754	3,287,005	25.9%
	CNG	35	12,681	137,202	1.2%	1.3%	12,516	133,651	1.1%
	Total	257,703	1,025,323	11,081,612	100.0%	-13.7%	1,187,460	12,681,587	100.0%
Ústecký Region									
	HD_C	127	861,508	9,342,315	79.1%	-18.9%	1,062,302	11,339,843	79.1%
	MD_C	312	36,785	397,344	3.4%	-18.0%	44,873	479,242	3.3%
	LD_C	12,890	62,483	674,430	5.7%	-13.4%	72,189	770,853	5.4%
	DOM	206,044	124,094	1,339,166	11.4%	-21.5%	158,148	1,689,122	11.8%
	CNG	19	4,902	53,031	0.4%	-6.6%	5,246	56,021	0.4%
	Total	219,392	1,089,773	11,806,286	100.0%	-18.8%	1,342,759	14,335,080	100.0%
Vysočina Region									
	HD_C	96	105,361	1,138,534	36.2%	-15.3%	124,423	1,328,697	35.3%
	MD_C	319	34,631	373,862	11.9%	-19.1%	42,801	457,101	12.1%
	LD_C	10,764	57,382	619,270	19.7%	-14.0%	66,689	712,262	18.9%
	DOM	108,125	91,560	987,893	31.4%	-21.3%	116,367	1,242,842	33.0%
	CNG	15	2,286	24,707	0.8%	-8.8%	2,507	26,771	0.7%
	Total	119,319	291,219	3,144,266	100.0%	-17.5%	352,787	3,767,675	100.0%
Zlínský Region									
	HD_C	73	137,395	1,484,699	37.4%	-21.1%	174,141	1,859,611	38.3%
	MD_C	308	32,378	349,631	8.8%	-13.7%	37,529	400,812	8.2%
	LD_C	10,752	64,856	700,146	17.7%	-13.2%	74,730	798,165	16.4%
	DOM	143,314	130,227	1,405,350	35.4%	-21.5%	165,964	1,772,600	36.5%
	CNG	11	2,503	27,086	0.7%	-7.8%	2,714	28,981	0.6%
	Total	154,458	367,359	3,966,911	100.0%	-19.3%	455,078	4,860,170	100.0%

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

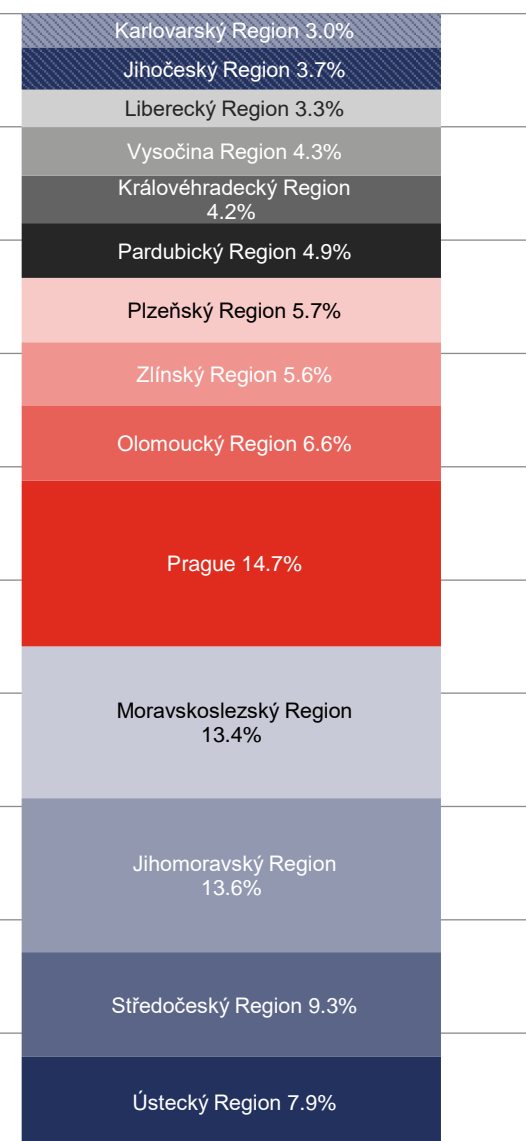
Regions (ordered by consumption size)	Gas consumption in 2022	
	th m ³	MWh
Ústecký Region	1,089,773	11,806,286
Středočeský Region	1,025,323	11,081,612
Jihomoravský Region	941,537	10,168,806
Moravskoslezský Region	786,637	8,495,371
Prague	751,440	8,146,142
Olomoucký Region	447,133	4,830,422
Zlínský Region	367,359	3,966,911
Plzeňský Region	348,153	3,761,050
Pardubický Region	329,113	3,554,793
Královéhradecký Region	301,852	3,260,323
Vysočina Region	291,219	3,144,266
Liberecký Region	290,564	3,138,565
Jihočeský Region	257,243	2,772,500
Karlovarský Region	193,427	2,090,137
Total	7,420,771	80,217,184

Regions (ordered by customer base)	Number of customers on 31 Dec 2022
Prague	407,585
Jihomoravský Region	377,555
Moravskoslezský Region	372,775
Středočeský Region	257,703
Ústecký Region	219,392
Olomoucký Region	184,573
Plzeňský Region	158,017
Zlínský Region	154,458
Pardubický Region	134,929
Vysočina Region	119,319
Královéhradecký Region	116,432
Jihočeský Region	103,587
Liberecký Region	91,944
Karlovarský Region	83,015
Total	2,781,284

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



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

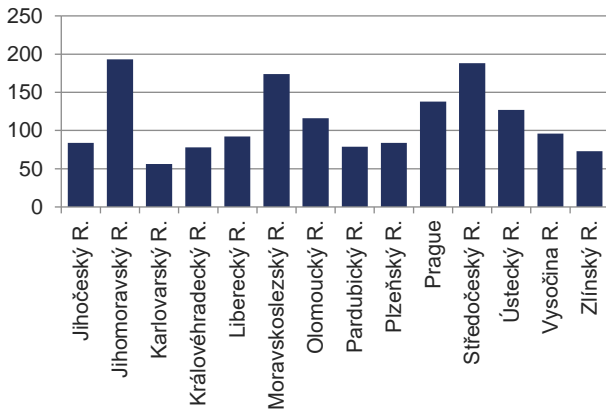


Note: The Ústecký and Karlovarský Regions include PPE, which have a major impact on the whole Region's gas consumption. When gas supply to the PPE is deducted, gas consumption is 713,048,000 m³, i.e. 7,708,540 MWh in the Ústecký Region. When gas supply to the PPE is deducted, gas consumption is 190,612,000 m³, i.e. 2,059,475 MWh in the Karlovarský Region.

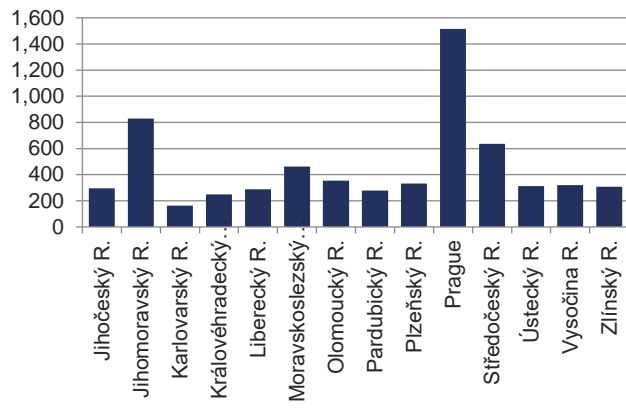
11.3 Numbers of customers by Region (R.), customer category, and CNG in the Czech Republic

Customers	Jihočeský R.	Jihomoravský R.	Karlovarský R.	Královéhradecký R.	Liberecký R.	Moravskoslezský R.	Olomoucký R.	Pardubický R.	Plzeňský R.	Prague	Středočeský R.	Ústecký R.	Vysočina R.	Zlínský R.	Total
HD_C	84	193	56	78	92	174	116	79	84	138	188	127	96	73	1,578
MD_C	295	828	164	250	288	461	354	278	332	1,514	635	312	319	308	6,338
LD_C	9,545	23,929	5,850	9,866	8,796	18,214	13,133	11,250	11,799	37,726	19,161	12,890	10,764	10,752	203,675
DOM	93,648	352,577	76,938	106,221	82,759	353,893	170,955	123,307	145,788	368,169	237,684	206,044	108,125	143,314	2,569,422
CNG	15	28	7	17	9	33	15	15	14	38	35	19	15	11	271
Total	103,587	377,555	83,015	116,432	91,944	372,775	184,573	134,929	158,017	407,585	257,703	219,392	119,319	154,458	2,781,284

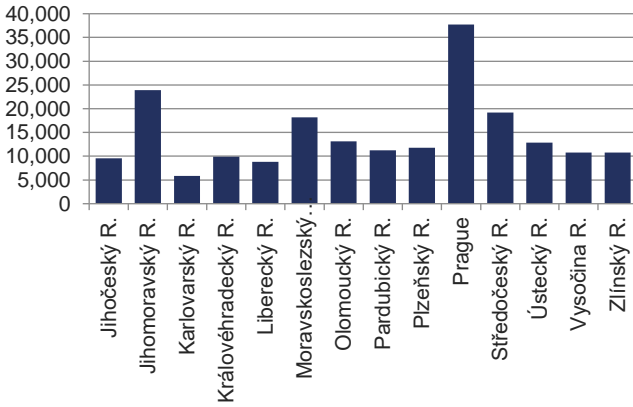
High demand customers



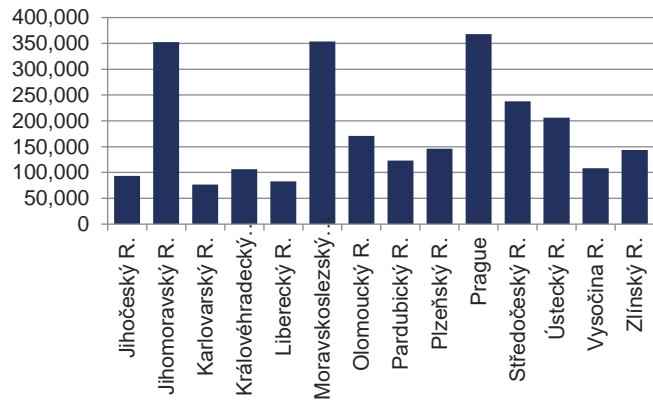
Medium demand customers



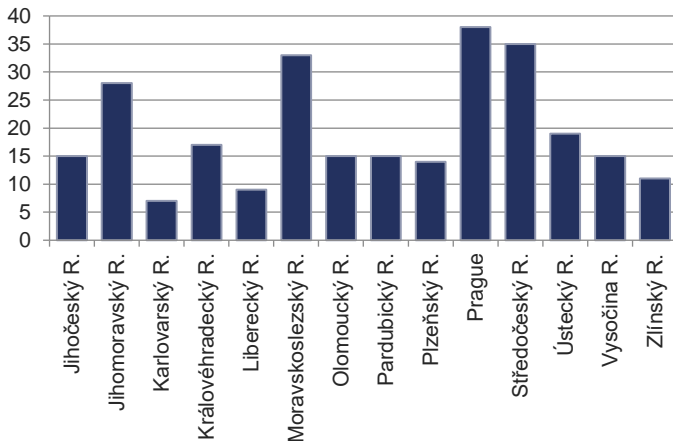
Low demand customers



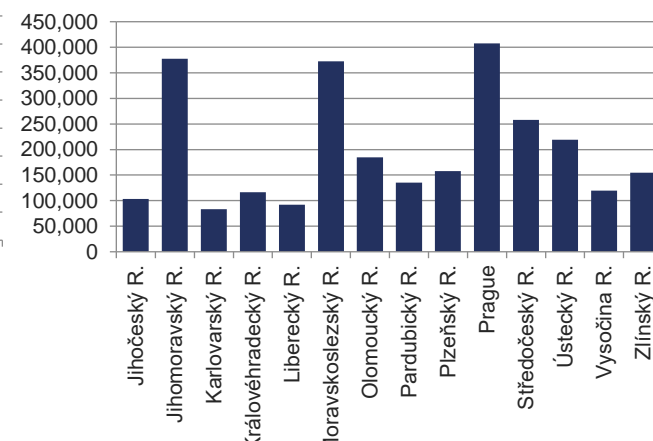
Households



CNG stations



Total



11.4 Natural gas consumption by Region (R.) in 2022 and over the last 10 years

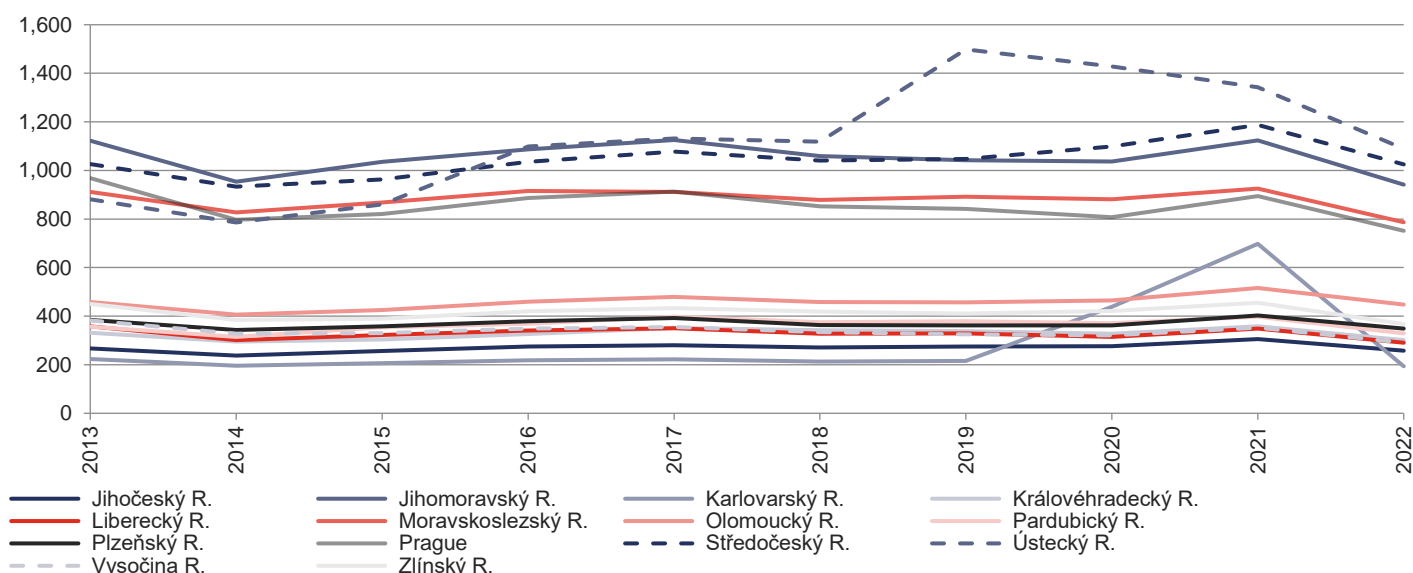
Natural gas consumption by Region in 2022 (million m³)

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	39	155	28	48	45	113	68	50	52	128	145	133	47	59	1,111	24	1,134
February	32	122	23	38	37	93	53	42	42	101	113	89	37	47	868	22	891
March	32	123	23	37	37	93	56	41	43	98	114	122	37	48	903	19	923
April	25	89	17	28	27	74	42	32	33	73	95	66	28	35	665	7	671
May	13	37	10	14	13	46	22	17	18	27	60	75	13	18	384	5	389
June	10	29	9	12	11	39	18	14	15	18	51	84	10	14	335	2	336
July	9	27	8	10	9	34	17	13	13	18	47	62	9	12	288	1	289
August	9	26	8	10	10	31	17	12	14	18	47	84	10	13	310	1	311
September	13	41	10	15	14	42	22	17	18	29	54	77	13	17	381	3	383
October	17	65	13	20	19	49	29	21	23	46	73	84	18	22	498	10	508
November	26	98	19	30	30	74	46	32	34	82	101	94	29	35	729	14	743
December	33	129	25	39	39	97	58	41	43	114	124	120	39	48	949	17	966
1Q	103	400	73	123	119	300	177	133	137	327	373	344	121	153	2,882	65	2,947
2Q	48	156	37	54	52	159	83	62	66	118	206	226	52	67	1,384	13	1,397
3Q	31	94	26	35	33	108	55	41	45	64	149	223	33	42	979	4	983
4Q	76	292	57	89	87	219	133	93	100	242	298	297	86	105	2,176	41	2,217
1H	150	555	110	178	171	459	260	195	203	445	578	570	172	220	4,266	78	4,344
2H	107	386	84	124	120	328	188	134	145	306	447	520	119	147	3,155	45	3,200
Year	257	942	193	302	291	787	447	329	348	751	1,025	1,090	291	367	7,421	123	7,544

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

2013	267	1,123	224	332	358	911	458	357	385	968	1,027	881	382	450	8,124	153	8,277
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

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



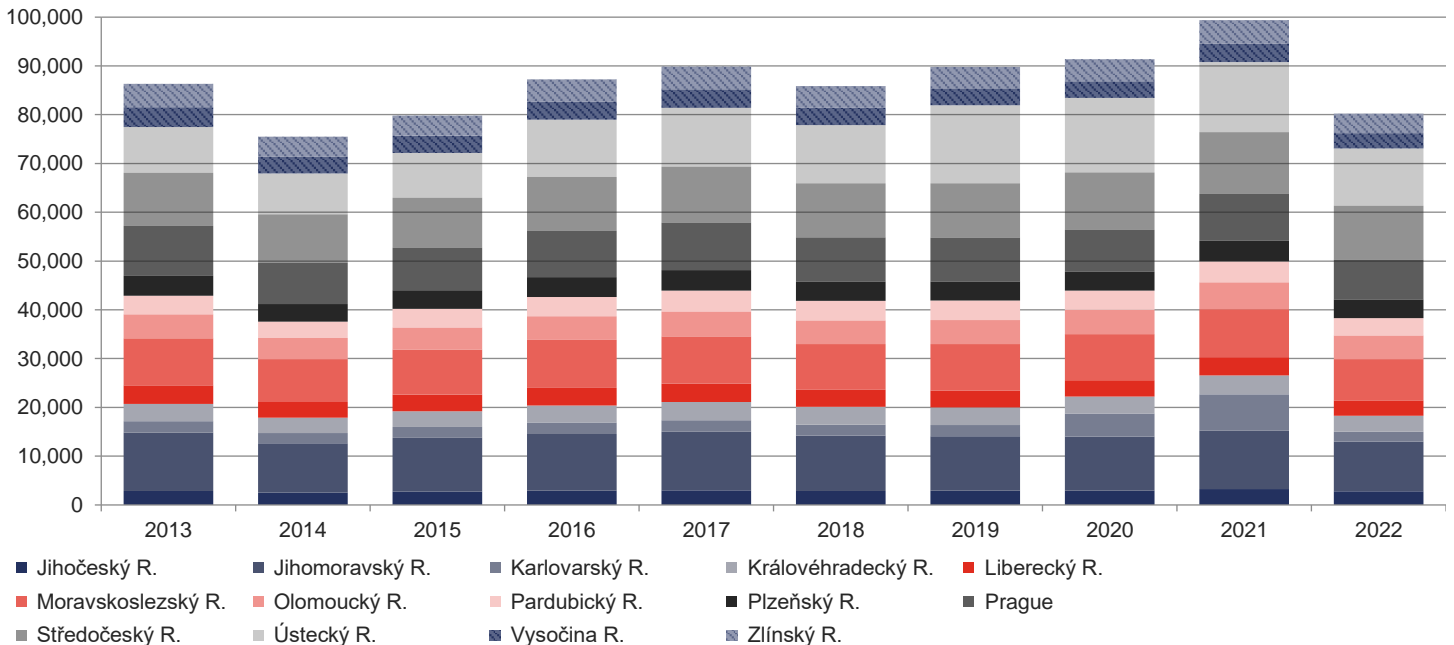
Natural gas consumption by Region in 2022 (GWh)

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	416	1,656	296	516	485	1,211	729	534	556	1,368	1,553	1,417	500	630	11,867	251	12,119
February	339	1,302	245	404	395	995	568	446	454	1,081	1,210	957	396	498	9,290	237	9,527
March	341	1,318	242	401	393	1,003	596	441	459	1,059	1,227	1,313	397	512	9,702	207	9,909
April	263	963	188	305	292	800	458	340	356	793	1,021	708	301	377	7,164	74	7,238
May	138	401	109	155	140	494	238	178	193	287	647	812	141	197	4,130	50	4,180
June	109	316	99	126	124	422	195	149	162	202	549	918	113	148	3,631	18	3,650
July	97	288	88	109	100	375	180	136	141	197	512	673	100	136	3,131	8	3,139
August	99	287	92	112	104	341	180	132	149	191	515	914	110	142	3,370	8	3,378
September	145	446	107	160	153	462	235	181	196	318	592	842	146	182	4,165	30	4,195
October	184	713	141	215	205	534	320	230	254	500	802	921	201	238	5,459	105	5,564
November	282	1,072	211	331	326	804	498	345	369	899	1,104	1,027	312	384	7,965	156	8,121
December	361	1,406	272	425	421	1,055	632	442	471	1,252	1,349	1,306	427	524	10,342	186	10,528
1Q	1,096	4,277	784	1,321	1,273	3,209	1,894	1,421	1,469	3,508	3,989	3,687	1,293	1,640	30,860	695	31,555
2Q	509	1,680	395	587	557	1,716	891	667	712	1,282	2,217	2,438	555	721	14,925	142	15,067
3Q	341	1,021	287	381	358	1,178	596	449	486	706	1,619	2,429	356	460	10,666	45	10,712
4Q	827	3,192	624	972	952	2,393	1,450	1,018	1,094	2,650	3,256	3,253	940	1,146	23,766	447	24,212
1H	1,605	5,956	1,179	1,907	1,829	4,924	2,785	2,088	2,182	4,790	6,206	6,124	1,848	2,361	45,785	837	46,622
2H	1,168	4,213	911	1,353	1,309	3,571	2,046	1,467	1,580	3,356	4,875	5,682	1,296	1,606	34,432	492	34,924
Year	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

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

2013	2,839	11,957	2,373	3,526	3,796	9,701	4,879	3,792	4,082	10,276	10,897	9,361	4,071	4,796	86,346	1,622	87,969
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

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 2022 and over the last 10 years

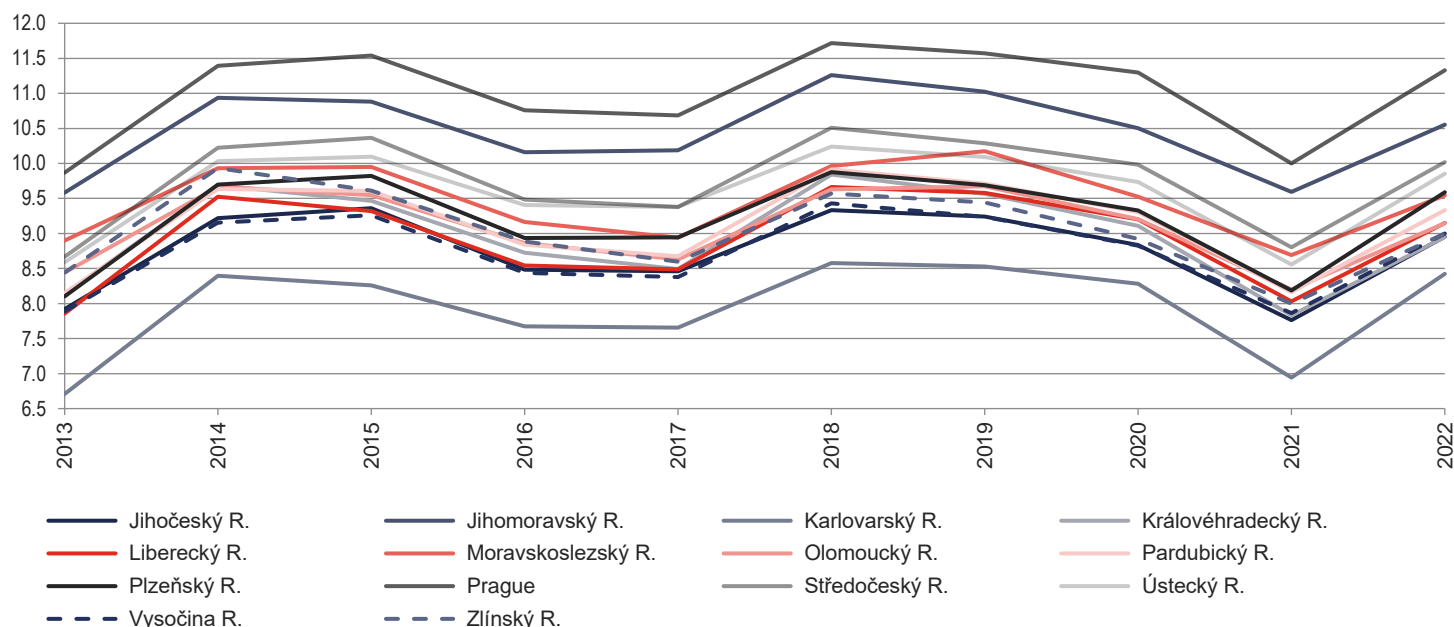
Air temperature by Region in 2022 (°C)

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	0.8	1.5	0.3	0.1	0.7	0.7	0.3	0.6	1.3	2.8	1.7	2.0	0.2	-0.3	0.8
February	2.8	4.2	1.8	2.7	3.0	3.3	2.9	3.2	3.3	5.2	4.1	3.8	2.4	2.4	3.1
March	2.8	4.1	2.4	2.9	3.4	2.9	3.0	3.1	3.2	5.5	3.9	4.0	3.0	2.5	3.3
April	6.0	8.3	5.4	6.1	6.1	6.9	6.4	6.6	6.8	8.4	7.1	7.0	6.2	6.0	6.6
May	13.9	15.9	13.4	13.8	14.0	14.5	14.1	14.3	14.7	16.8	15.2	15.0	14.1	13.9	14.5
June	18.3	20.4	18.0	18.5	18.5	18.9	18.4	18.8	19.2	21.2	19.5	19.4	18.6	18.6	19.0
July	18.2	20.8	17.8	18.2	18.0	19.0	18.6	18.4	19.3	20.8	19.2	19.2	18.4	18.8	18.9
August	18.2	20.9	18.0	19.3	18.9	19.6	19.3	19.3	19.3	21.3	19.7	19.9	19.0	19.3	19.4
September	11.7	13.4	10.8	11.7	11.8	12.5	12.0	12.1	12.1	14.1	12.8	12.7	11.7	11.8	12.2
October	10.7	11.2	9.9	10.4	10.6	11.1	10.7	11.0	10.8	12.2	11.1	10.4	10.4	10.5	10.8
November	3.7	5.1	3.6	3.7	4.1	4.8	4.1	4.4	4.1	5.5	4.6	4.0	4.1	4.4	4.2
December	0.3	0.8	-0.2	0.1	0.7	0.5	0.0	0.3	0.8	2.3	1.2	0.8	-0.2	0.1	0.4
1Q	2.1	3.2	1.5	1.9	2.4	2.3	2.0	2.3	2.6	4.5	3.2	3.3	1.9	1.5	2.4
2Q	12.7	14.9	12.3	12.8	12.9	13.4	12.9	13.2	13.6	15.5	13.9	13.8	13.0	12.8	13.4
3Q	16.0	18.4	15.5	16.4	16.2	17.0	16.6	16.6	16.9	18.8	17.2	17.3	16.4	16.6	16.8
4Q	4.9	5.7	4.4	4.7	5.1	5.5	4.9	5.2	5.3	6.6	5.6	5.1	4.8	5.0	5.2
1H	7.4	9.1	6.9	7.3	7.6	7.9	7.5	7.8	8.1	10.0	8.6	8.5	7.4	7.2	7.9
2H	10.5	12.0	10.0	10.5	10.7	11.2	10.8	10.9	11.1	12.7	11.4	11.2	10.6	10.8	11.0
Year	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

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

2013	7.9	9.6	6.7	8.1	7.9	8.9	8.4	8.2	8.1	9.9	8.7	8.6	7.9	8.4	8.3
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

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



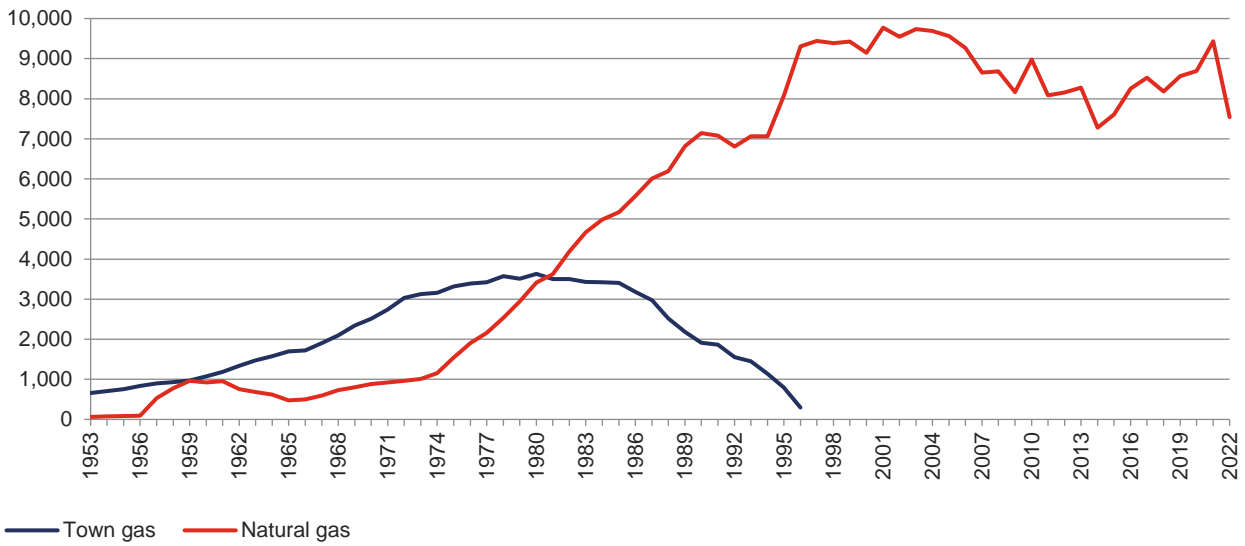
12 HISTORICAL DATA

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

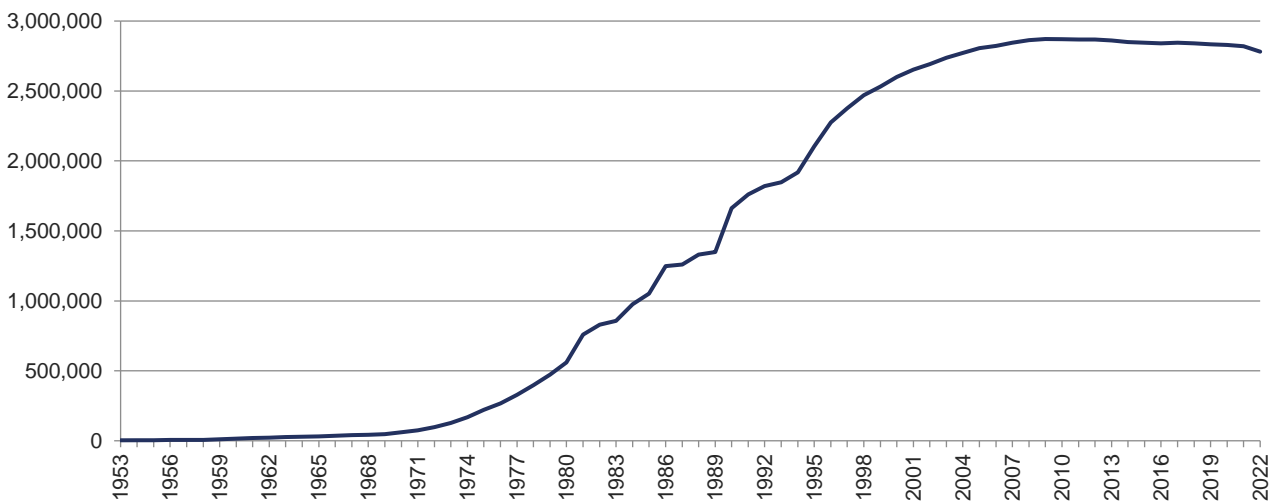
Year	Actual annual consumption				Maximum daily consumption		
	Town gas		Natural gas		Number of customers	Natural gas	
	million m ³	GWh	million m ³	GWh		million m ³	GWh
1953	657.2	3,134.7	62.6	657.2	3,426	2.2	23.1
1954	707.4	3,374.2	75.9	797.5	3,745	3.6	38.0
1955	753.9	3,596.2	84.4	885.8	3,805	4.9	51.8
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

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

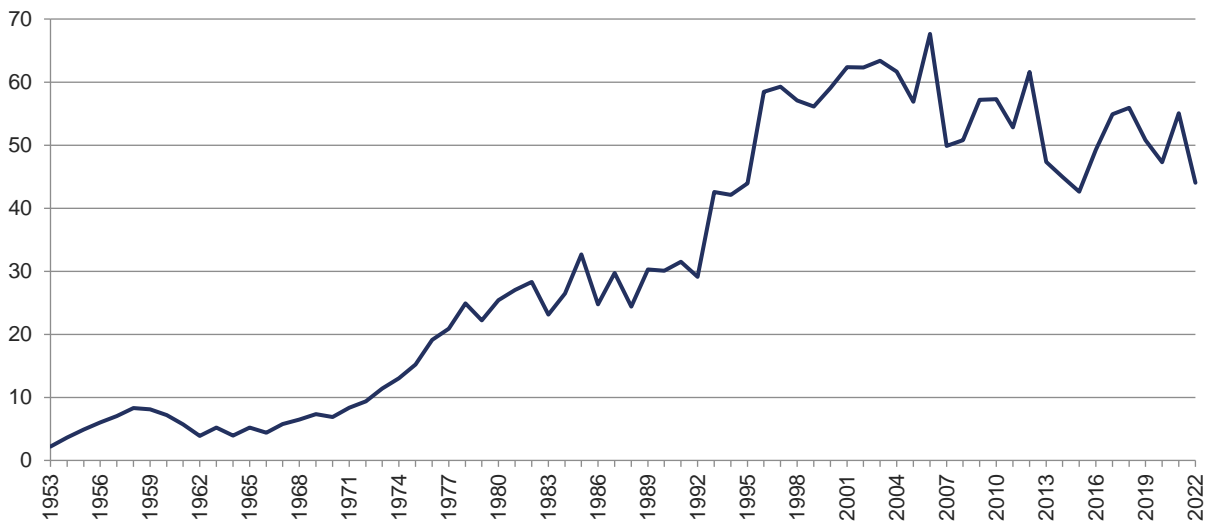
Actual annual consumption (million m³)



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
1953	60.8	638.5	0.0	0.0	60.8	638.5	0.3	3.1	0.7	7.5	1.0	10.6	0.8	8.2	62.6	657.2
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

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
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
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

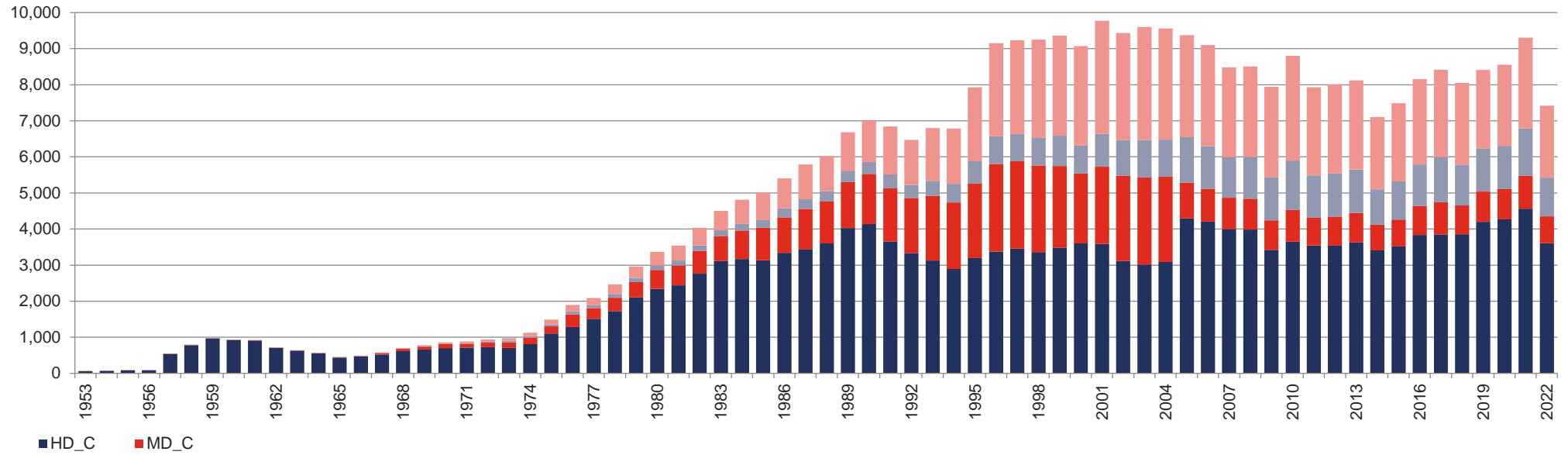
Note:

From 1950 to 1996, natural gas supply for town gas production was added to the high demand category.

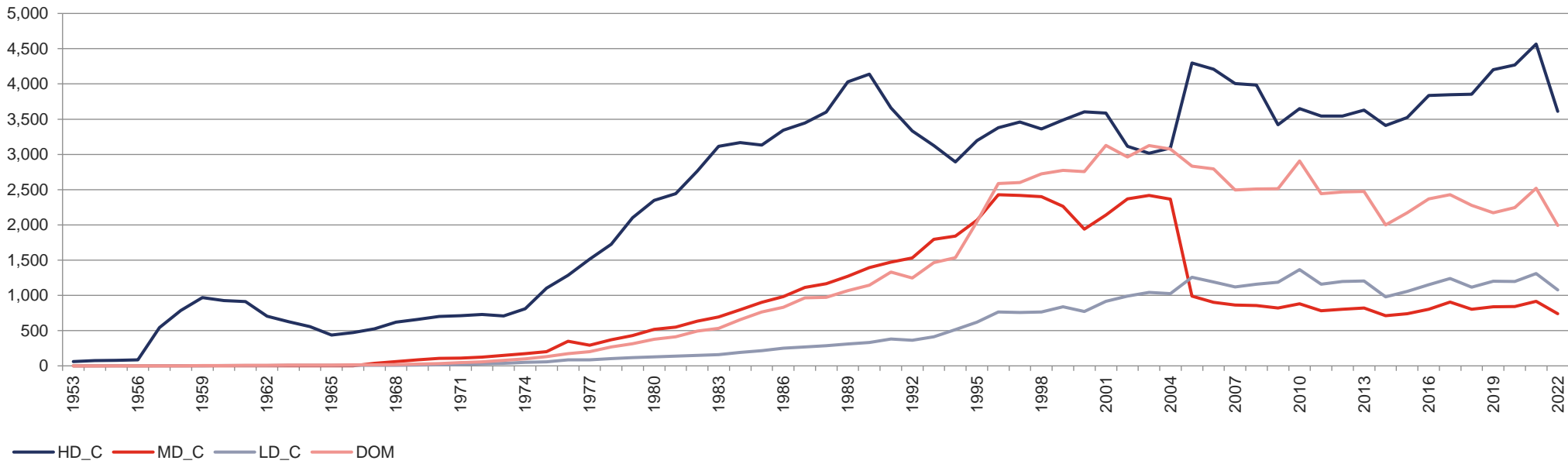
From 1981 to 2004, the high demand category (gas supply from long-distance pipelines) and medium demand category (gas supply from local networks) were determined based on different criteria.

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)

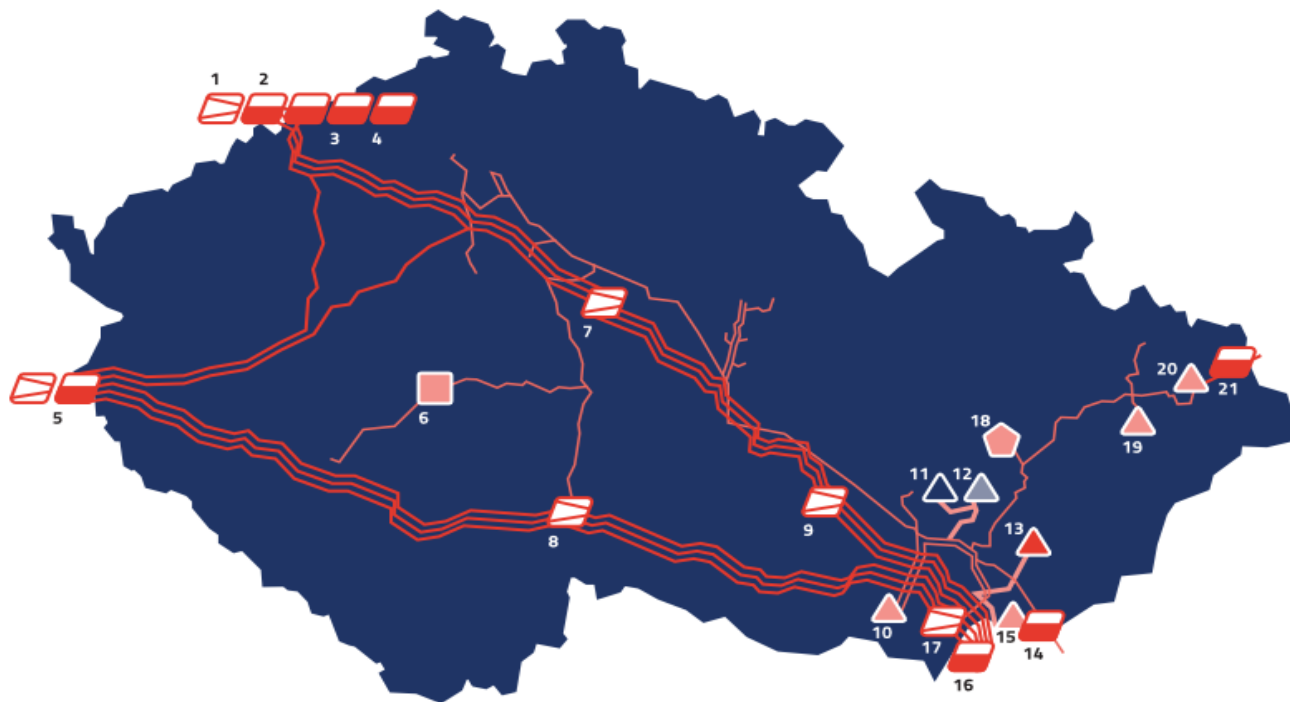
Period	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
January	0.1	2.1	-1.6	-4.5	-4.5	0.4	-0.2	-2.1	-1.3	-1.1	-2.2	-3.7	0.0	-6.0	3.6	1.7	-3.7	-4.7	-0.9	0.1	-1.6	0.7	1.2	-1.2	-5.6	2.0	-1.5	0.4	-0.9	0.8
February	-2.8	-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
March	2.1	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
April	9.5	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
May	15.5	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
June	16.0	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
July	16.7	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
August	17.2	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
September	12.5	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
October	8.1	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
November	0.0	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
December	1.8	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
1Q	-0.2	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
2Q	13.7	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
3Q	15.5	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
4Q	3.3	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
1H	6.7	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
2H	9.4	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
Year	8.1	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

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



- RWE Gas Storage CZ, s.r.o.
- MND Gas 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
- 2 HPS Brandov – OPAL
- 3 HPS Hora Svaté Kateřiny (Sayda)
- 4 HPS EUGAL
- 5 HPS Waidhaus
- 6 Háj
- 7 KS Kouřim
- 8 KS Veselí nad Lužnicí
- 9 KS Kralice
- 10 Dolní Dunajovice
- 11 Dambořice
- 12 Uhřetice
- 13 Dolní Bojanovice
- 14 HPS Mokřý Háj
- 15 Tvrdonice
- 16 HPS Lanžhot
- 17 KS Břeclav
- 18 Lobodice
- 19 Štramberk
- 20 Třanovice
- 21 HPS Cieszyn

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