

PRODUCTION AND DELIVERIES OF ENERGY PRODUCTS, DECEMBER 2022

In December 2022, compared to the previous month, for the production of energy products, the largest increase was observed in solid fuels - by 5.8%, and electricity - by 4.5%, and the largest decrease was registered in liquefied petroleum gases - by 25.0%.

In December 2022, compared to the previous month, for the deliveries of energy products was observed an increase in all energy products. The largest increase was observed in liquefied petroleum gases - by 34.1%, natural gas - by 26.1%, as well as in electricity - by 17.1%.

Production of energy products

In December 2022, compared to November 2022, an increase is reported for the production of:

- solid fuels - by 5.8% to 3 283 thousand tonnes;
- electricity - by 4.5% to 4 383 GWh.

A decrease is reported for the production of:

- liquefied petroleum gases - by 25.0% to 6 thousand tonnes;
- transport diesel - by 20.4% to 246 thousand tonnes;
- unleaded motor gasoline - by 3.1% to 156 thousand tonnes.

No change for the production of natural gas (Annex, Table 1).

In December 2022, compared to the same month of the previous year, during which planned repairs of production installations were carried out, the production of liquefied petroleum gases and unleaded motor gasoline increased significantly, as well as:

- transport diesel - by 43.0%;
- solid fuels - by 1.3%.

A decrease is reported for the production of:

- natural gas - by 50.0%;
- electricity - by 12.6%.

Deliveries of energy products

In December 2022, compared to November 2022, an increase is reported for the deliveries of:

- liquefied petroleum gases - by 34.1% to 55 thousand tonnes;
- natural gas - by 26.1% to 280 million m³;
- electricity - by 17.1% to 3 267 GWh;
- transport diesel - by 16.1% to 238 thousand tonnes;
- unleaded motor gasoline - by 15.8% to 44 thousand tonnes;
- solid fuels - by 4.7% to 3 239 thousand tonnes.

No decrease is reported for any of the energy products (Annex, Table 2).



In December 2022, compared to the same month of the previous year, an increase is reported for the deliveries of:

- unleaded motor gasoline - by 69.2%;
- liquefied petroleum gases - by 44.7%;
- transport diesel - by 13.9%.

A decrease is reported for the deliveries of:

- natural gas - by 23.9%;
- electricity - by 3.5%;
- solid fuels - by 2.6%.



Methodological notes

The survey on energy products is conducted every month in accordance with Regulation (EC) No. 1099/2008 of the European Parliament and of the Council of 22 October 2008 on energy statistics and its amendments. The survey aims to submit information on the production and inland deliveries of the main energy products - electricity, solid fuels, natural gas and petroleum products. The reporting units are producers, importers and exporters of energy products. Production and deliveries of energy products are the main observed indicators.

Data series can be found on the NSI website: www.nsi.bg, section Energy/Data.

Solid fuels

Production - includes Hard coal, Lignite and Solid fuels from coal. Producers report quantities calculated after any operation for the removal of inert matter.

Deliveries - quantities delivered to the internal market. They are equal to the total of the deliveries to the different types of consumers: producers' own use, main activity power stations, coking plants and patent fuel plants, industry, iron and steel industry and others.

Since 1.01.2017, Brown coal briquettes have been excluded from the monthly survey.

Petroleum products

Production - includes production of finished products at a refinery or blending plant.

Deliveries - wholesale deliveries to the domestic market of finished petroleum products from producers and importers/exporters.

Deliveries of petroleum products are defined as: primary product receipts + gross refinery output + recycled products – refinery fuel + imports – exports – international marine bunkers + interproduct transfers – products transferred – stock changes.

Natural gas

Production - includes all dry marketable production within national boundaries, including offshore production. Production is measured after purification and extraction of NGLs and sulfur. Excludes extraction losses and quantities reinjected, vented or flared. Includes quantities used within the natural gas industry; in gas extraction, pipeline systems and processing plants.

Deliveries - total natural gas, distributed for the internal market, including own use and losses.

Data are presented in million cubic meters assuming reference gas conditions 15°C and 101.325 kPa. To convert quantities from cubic meters at 20°C to cubic meters at 15°C - according to the reporting requirements of Regulation (EC) No. 1099/2008 of the European Parliament and the Council on energy statistics, we use a conversion factor of 0.98294.

Electricity



Production - includes produced electricity from Thermal power plants, Nuclear power plants, Hydropower plants, Pumped storage plants and electricity, obtained from wind generators and solar panels.

Deliveries/Total net consumption - the sum of the net produced electricity and net import, reduced by the amount used for pumped storage.



Annex

Table 1

Production of energy products

	Measure	2021	2022												Change in December 2022 (%)	
		XII	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII	On a monthly basis	On an annual basis
Solid fuels	thousand tonnes	3240	3613	3298	3584	2587	2790	2377	2760	2456	2883	2840	3103	3283	5.8	1.3
Total petroleum products	thousand tonnes	346	566	488	641	539	669	664	695	693	624	708	667	516	-22.6	49.1
of which:																
Liquefied petroleum gases	thousand tonnes	1	4	3	7	7	9	9	10	11	8	8	8	6	-25.0	-
Unleaded motor gasoline	thousand tonnes	51	146	123	162	138	160	157	162	161	100	185	161	156	-3.1	-
Transport diesel	thousand tonnes	172	258	227	293	237	297	304	325	325	278	330	309	246	-20.4	43.0
Natural gas	million m ³	2	2	2	2	2	2	2	1	1	1	1	1	1	0.0	-50.0
Electricity	GWh	5013	5168	4486	5144	4119	3624	4031	4202	4125	3708	3200	4195	4383	4.5	-12.6

Table 2

Deliveries of energy products

	Measure	2021	2022												Change in December 2022 (%)	
		XII	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII	On a monthly basis	On an annual basis
Solid fuels	thousand tonnes	3326	3671	3364	3648	2632	2836	2417	2761	2444	2863	2797	3094	3239	4.7	-2.6
Total petroleum products	thousand tonnes	353	325	300	436	339	359	394	387	426	383	388	366	413	12.8	17.0
of which:																
Liquefied petroleum gases	thousand tonnes	38	32	29	32	34	34	33	39	45	42	46	41	55	34.1	44.7
Unleaded motor gasoline	thousand tonnes	26	41	34	53	31	44	58	36	46	52	42	38	44	15.8	69.2
Transport diesel	thousand tonnes	209	180	177	261	192	200	211	209	242	200	218	205	238	16.1	13.9
Natural gas	million m ³	368	387	318	350	202	200	180	189	136	139	142	222	280	26.1	-23.9
Electricity	GWh	3384	3570	3033	3402	2634	2457	2413	2614	2574	2336	2488	2790	3267	17.1	-3.5

¹ '0' less than half of the unit employed.

Figure 1. Production and deliveries of solid fuels

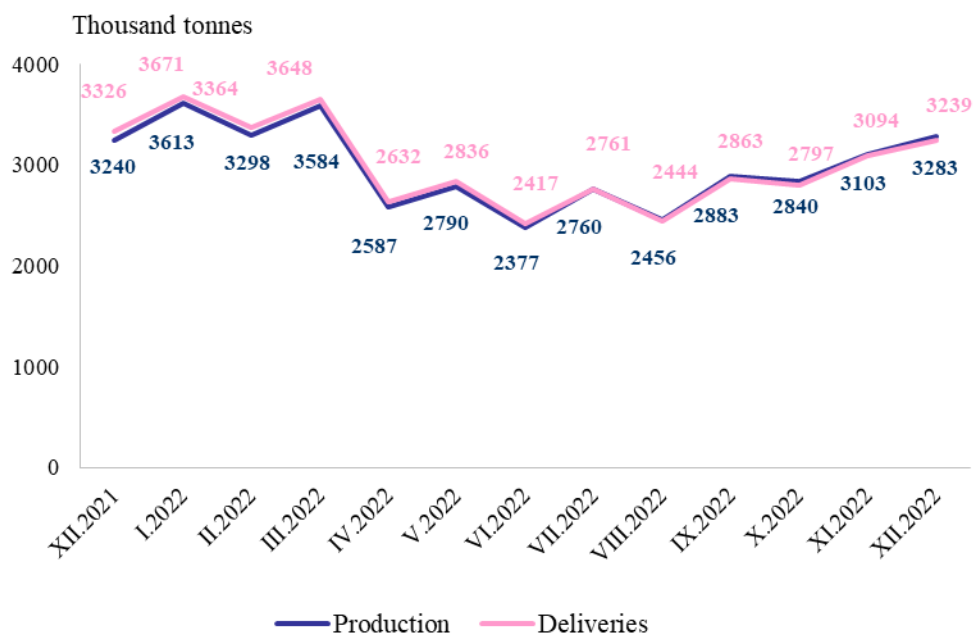


Figure 2. Production and deliveries of liquefied petroleum gases

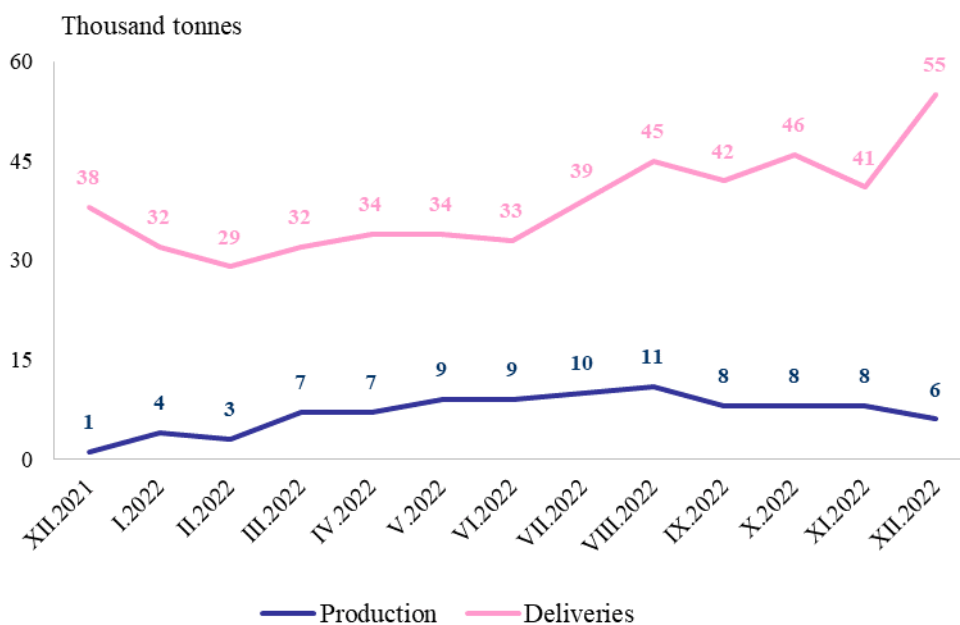


Figure 3. Production and deliveries of unleaded motor gasoline

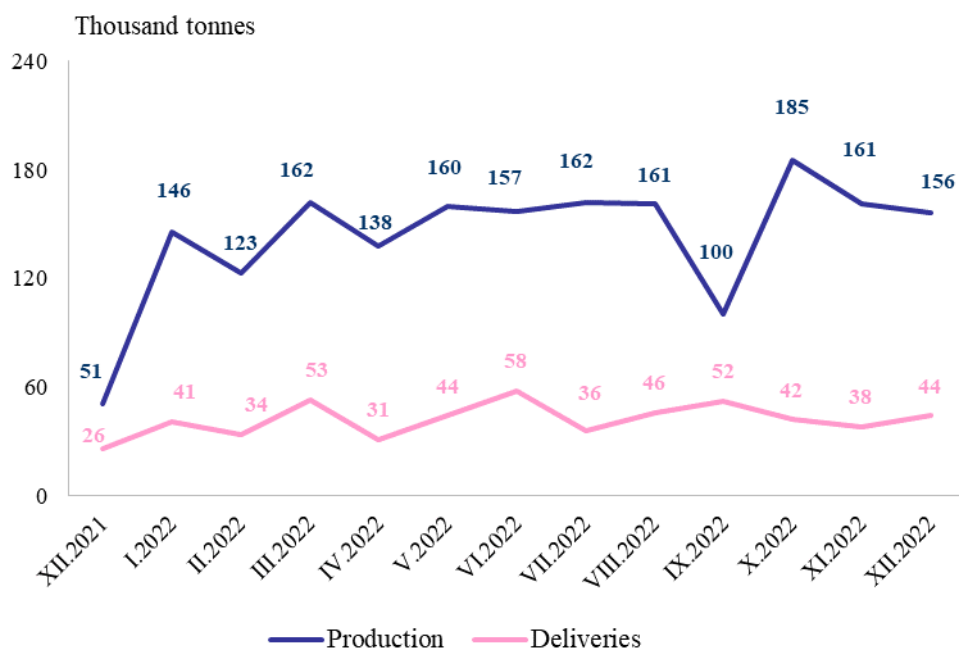


Figure 4. Production and deliveries of transport diesel

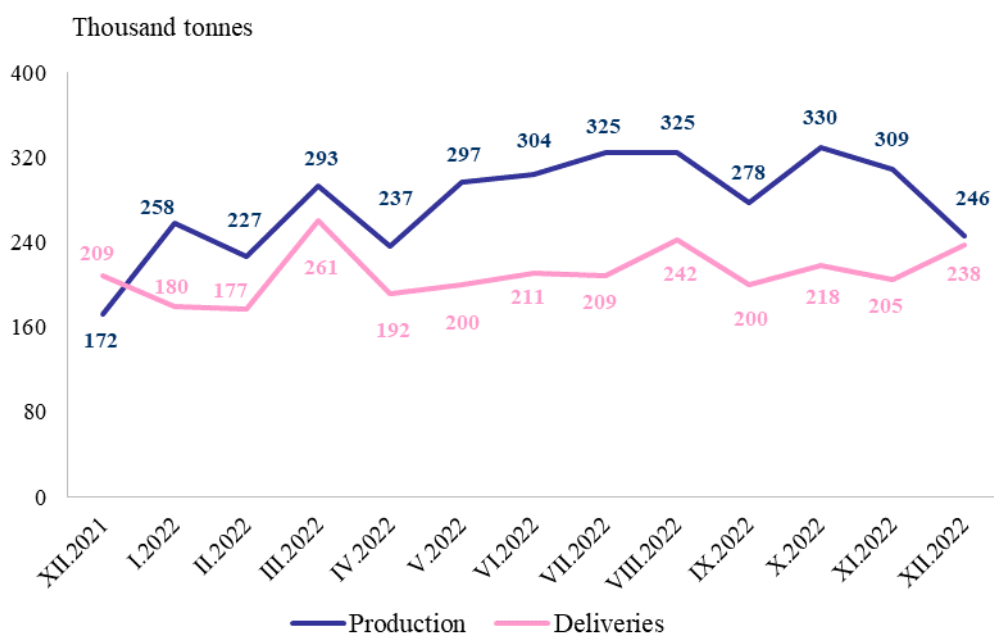


Figure 5. Production and deliveries of natural gas

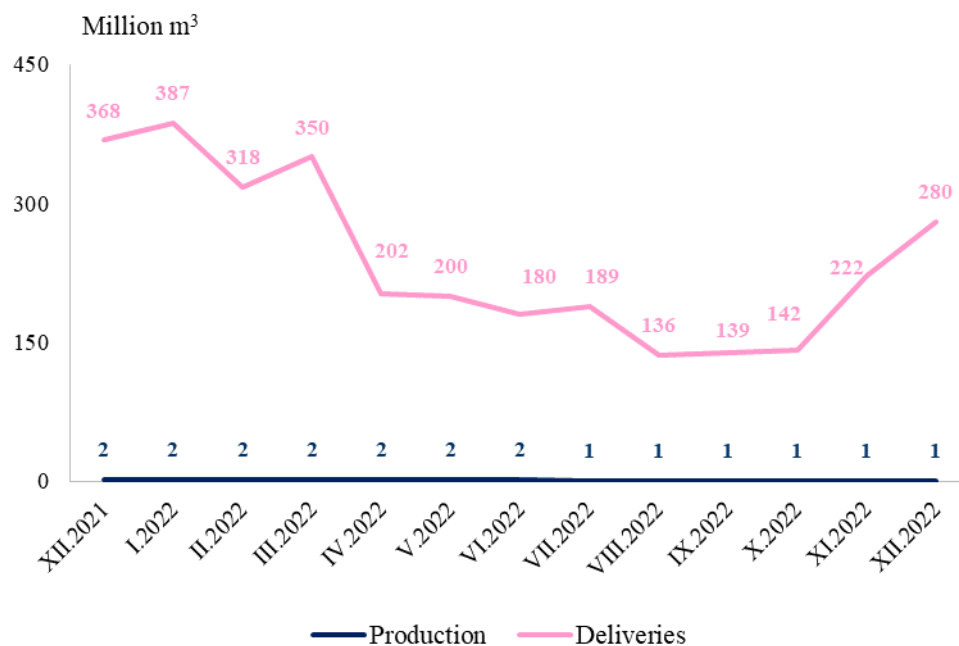


Figure 6. Production and deliveries of electricity

