

PRODUCTION AND DELIVERIES OF ENERGY PRODUCTS, MAY 2023

In May 2023, compared to the previous month, for the production of energy products, the largest increase is observed in liquefied petroleum gases - by 100.0%. The production of motor gasoline significantly increase, due to unusually low production in April 2023, as currently reaches its usual levels. The largest decrease is registered in solid fuels - by 27.5%.

For the deliveries of energy products, the largest increase is observed in motor gasoline - by 53.3%. The largest decrease is registered in natural gas - by 29.2%.

Production of energy products

In May 2023, compared to April 2023, a decrease is reported for the production of:

- liquefied petroleum gases - by 100.0% to 6 thousand tonnes;
- transport diesel - by 41.5% to 249 thousand tonnes.

The production of motor gasoline significantly increase, due to unusually low production in April 2023, as reaches its usual levels to 149 thousand tonnes.

A decrease is reported for the production of:

- solid fuels - by 27.5% to 1 047 thousand tonnes;
- electricity - by 17.8% to 2 518 GWh.

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

Compared to the same month of the previous year, a decrease is reported for the production of:

- solid fuels - by 62.5%;
- natural gas - by 50.0%;
- liquefied petroleum gases - by 33.3%;
- electricity - by 30.5%;
- transport diesel - by 16.2%;
- motor gasoline - by 6.9%.

Deliveries of energy products

In May 2023, compared to April 2023, an increase is reported for the deliveries of:

- motor gasoline - by 53.3% to 46 thousand tonnes;
- transport diesel - by 24.6% to 208 thousand tonnes.

A decrease is reported for the deliveries of:

- natural gas - by 29.2% to 150 million m³;
- solid fuels - by 25.5% to 959 thousand tonnes;
- electricity - by 8.5% to 2 473 GWh;
- liquefied petroleum gases - by 4.4% to 43 thousand tonnes (Annex, Table 2).

Compared to the same month of 2022, an increase is reported for the deliveries of:

- liquefied petroleum gases - by 26.5%;



- motor gasoline - by 4.5%;
- transport diesel - by 4.0%;
- electricity - by 0.7%.

A decrease is reported for the deliveries of:

- solid fuels - by 66.2%;
- natural gas - by 25.0%.

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	2022								2023					Change in May 2023 (%)	
		V	VI	VII	VIII	IX	X	XI	XII	I	II	III	IV	V	On a monthly basis	On an annual basis
Solid fuels	thousand tonnes	2790	2377	2760	2456	2883	2840	3103	3283	3046	2782	1981	1445	1047	-27.5	-62.5
Total petroleum products	thousand tonnes	669	664	695	693	624	708	667	516	646	470	424	337	535	58.8	-20.0
of which:																
Liquefied petroleum gases	thousand tonnes	9	9	10	11	8	8	8	6	7	5	5	3	6	100.0	-33.3
Motor gasoline	thousand tonnes	160	157	162	161	100	185	161	156	165	116	110	45	149	231.1	-6.9
Transport diesel	thousand tonnes	297	304	325	325	278	330	309	246	318	227	191	176	249	41.5	-16.2
Natural gas	million m ³	2	2	1	1	1	1	1	1	1	1	1	1	1	0.0	-50.0
Electricity	GWh	3624	4031	4202	4125	3708	3200	4195	4383	4440	4114	3705	3063	2518	-17.8	-30.5

Table 2

Deliveries of energy products

	Measure	2022								2023					Change in May 2023 (%)	
		V	VI	VII	VIII	IX	X	XI	XII	I	II	III	IV	V	On a monthly basis	On an annual basis
Solid fuels	thousand tonnes	2836	2417	2761	2444	2863	2797	3094	3239	2903	2587	1818	1288	959	-25.5	-66.2
Total petroleum products	thousand tonnes	359	394	387	426	383	388	366	413	322	347	318	314	370	17.8	3.1
of which:																
Liquefied petroleum gases	thousand tonnes	34	33	39	45	42	46	41	55	37	44	43	45	43	-4.4	26.5
Motor gasoline	thousand tonnes	44	58	36	46	52	42	38	44	10	39	34	30	46	53.3	4.5
Transport diesel	thousand tonnes	200	211	209	242	200	218	205	238	222	199	164	167	208	24.6	4.0
Natural gas	million m ³	200	180	189	136	139	142	222	280	260	258	259	212	150	-29.2	-25.0
Electricity	GWh	2457	2413	2614	2574	2336	2488	2790	3267	3364	3183	3040	2704	2473	-8.5	0.7

Figure 1. Production and deliveries of solid fuels

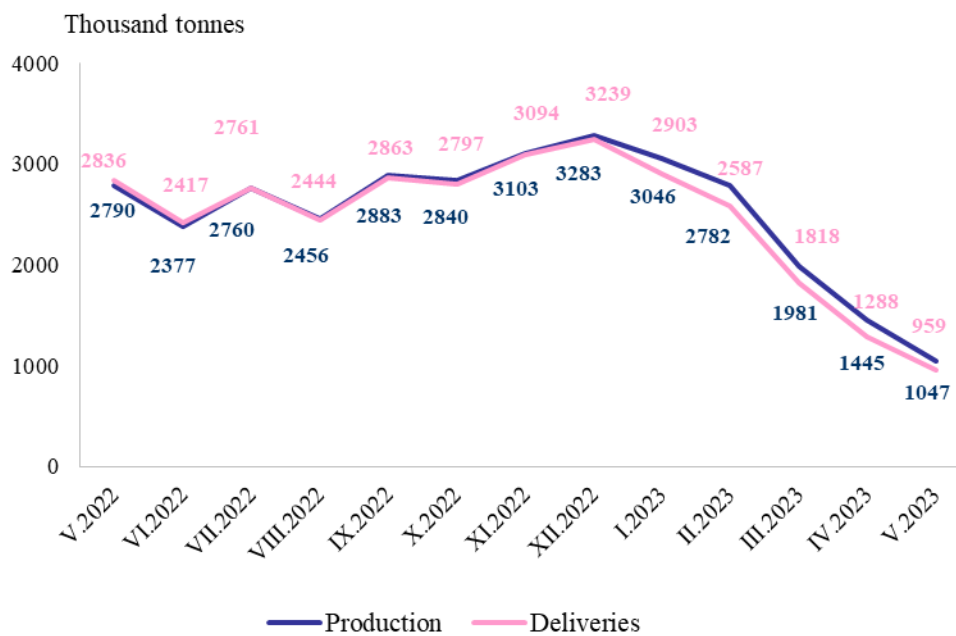


Figure 2. Production and deliveries of liquefied petroleum gases

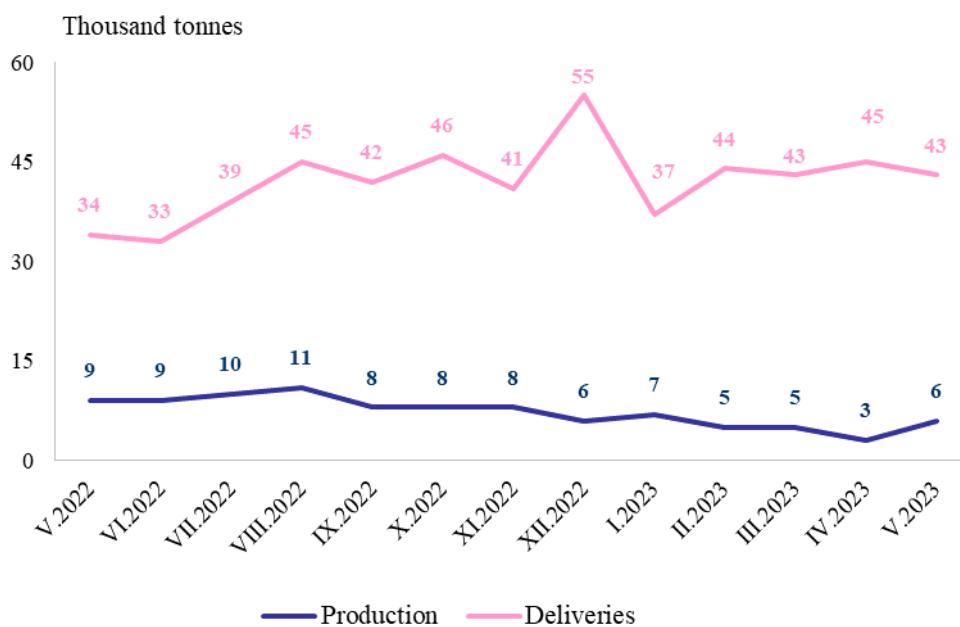


Figure 3. Production and deliveries of motor gasoline

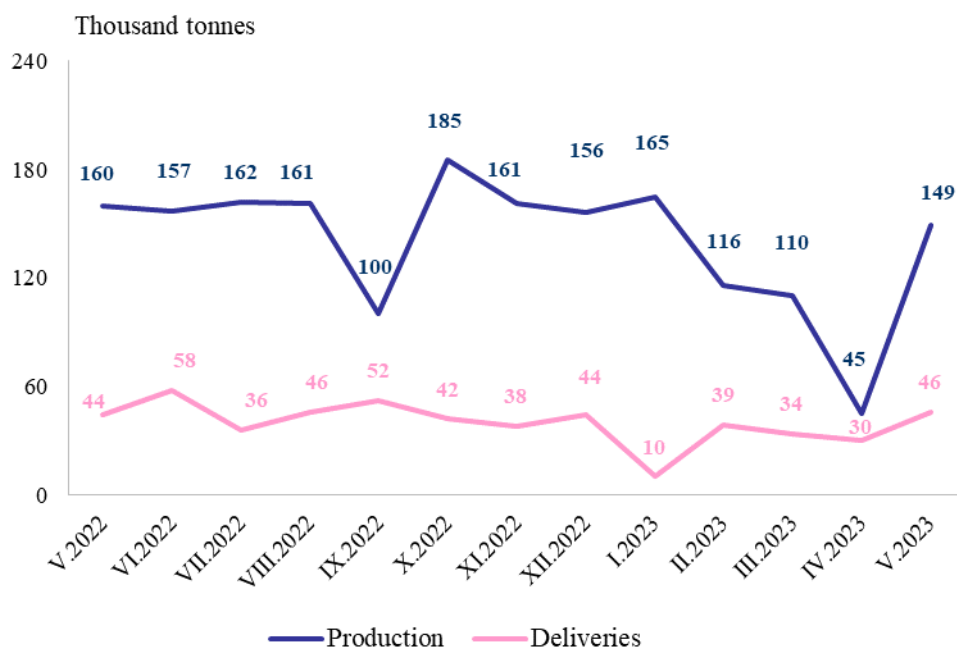


Figure 4. Production and deliveries of transport diesel

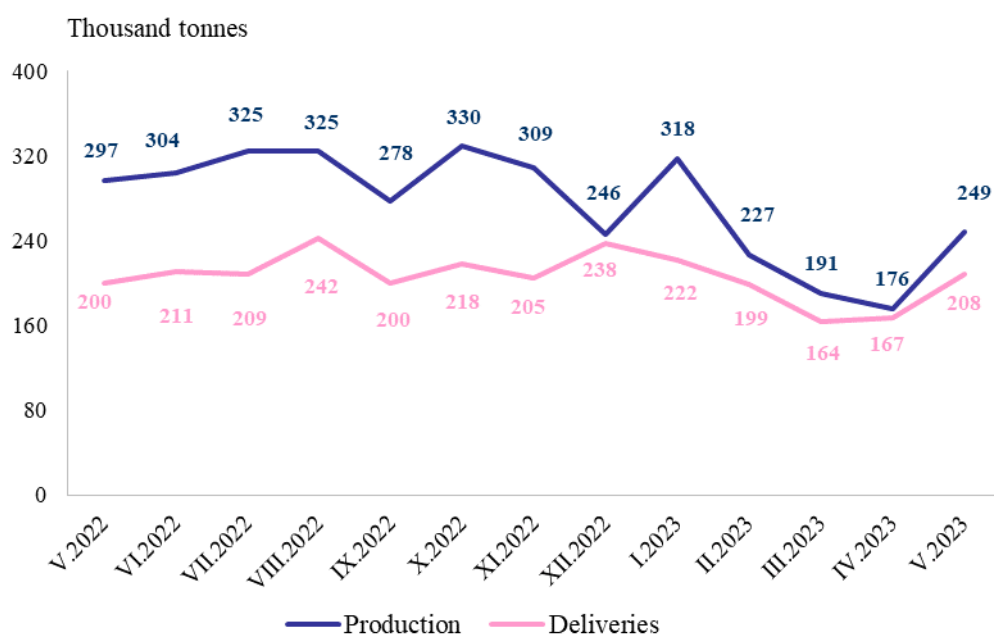


Figure 5. Production and deliveries of natural gas

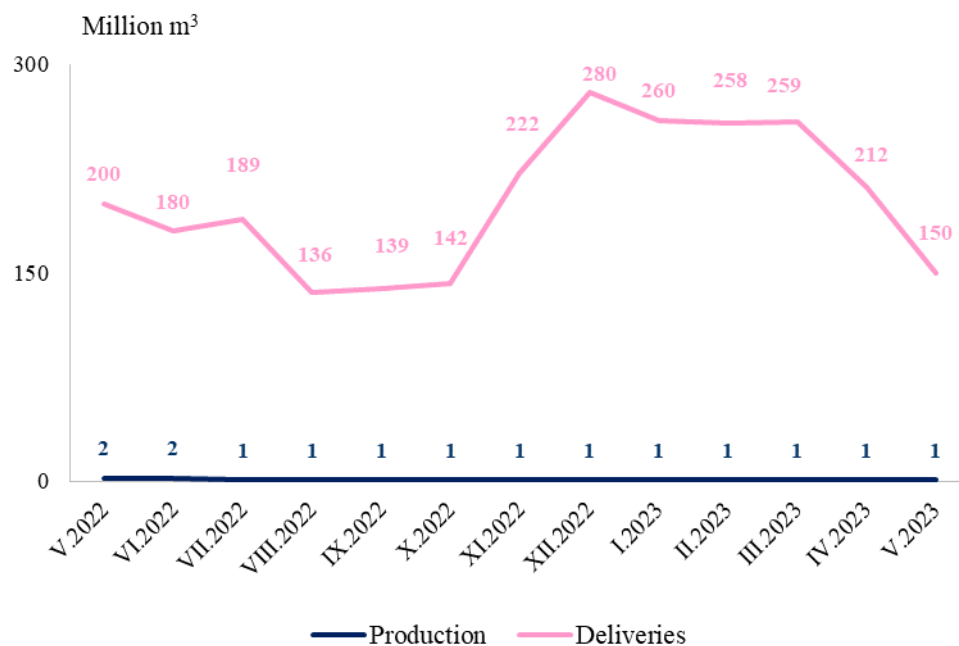


Figure 6. Production and deliveries of electricity

