

PRODUCTION AND DELIVERIES OF ENERGY PRODUCTS, APRIL 2023

In April 2023, compared to the previous month, for the production of energy products, no increase is observed for any of the products. The largest decrease is registered in unleaded motor gasoline - by 59.1%.

For the deliveries of energy products, the largest increase is observed in liquefied petroleum gases - by 4.7%. The largest decrease is registered in solid fuels - by 29.2%.

Production of energy products

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

- unleaded motor gasoline - by 59.1% to 45 thousand tonnes;
- liquefied petroleum gases - by 40.0% to 3 thousand tonnes;
- solid fuels - by 27.1% to 1 445 thousand tonnes;
- electricity - by 17.3% to 3 063 GWh;
- transport diesel - by 7.9% to 176 thousand tonnes.

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:

- unleaded motor gasoline - by 67.4%;
- liquefied petroleum gases - by 57.1%;
- natural gas - by 50.0%;
- solid fuels - by 44.1%;
- transport diesel - by 25.7%;
- electricity - by 25.6%.

Deliveries of energy products

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

- liquefied petroleum gases - by 4.7% to 45 thousand tonnes;
- transport diesel - by 1.8% to 167 thousand tonnes.

A decrease is reported for the deliveries of:

- solid fuels - by 29.2% to 1 288 thousand tonnes;
- natural gas - by 18.1% to 212 million m³;
- unleaded motor gasoline - by 11.8% to 30 thousand tonnes;
- electricity - by 11.1% to 2 704 GWh (Annex, Table 2).

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

- liquefied petroleum gases - by 32.4%;
- natural gas - by 5.0%;
- electricity - by 2.7%.

A decrease is reported for the deliveries of:



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- solid fuels - by 51.1%;
 - transport diesel - by 13.0%;
 - unleaded motor gasoline - by 3.2%.

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 April 2023 (%)	
		IV	V	VI	VII	VIII	IX	X	XI	XII	I	II	III	IV	On a monthly basis	On an annual basis	
Solid fuels	thousand tonnes	2587	2790	2377	2760	2456	2883	2840	3103	3283	3046	2782	1981	1445	-27.1	-44.1	
Total petroleum products	thousand tonnes	539	669	664	695	693	624	708	667	516	646	470	424	337	-20.5	-37.5	
of which:																	
Liquefied petroleum gases	thousand tonnes	7	9	9	10	11	8	8	8	6	7	5	5	3	-40.0	-57.1	
Unleaded motor gasoline	thousand tonnes	138	160	157	162	161	100	185	161	156	165	116	110	45	-59.1	-67.4	
Transport diesel	thousand tonnes	237	297	304	325	325	278	330	309	246	318	227	191	176	-7.9	-25.7	
Natural gas	million m ³	2	2	2	1	1	1	1	1	1	1	1	1	1	0.0	-50.0	
Electricity	GWh	4119	3624	4031	4202	4125	3708	3200	4195	4383	4440	4114	3705	3063	-17.3	-25.6	

Table 2

Deliveries of energy products

	Measure	2022										2023				Change in April 2023 (%)	
		IV	V	VI	VII	VIII	IX	X	XI	XII	I	II	III	IV	On a monthly basis	On an annual basis	
Solid fuels	thousand tonnes	2632	2836	2417	2761	2444	2863	2797	3094	3239	2903	2587	1818	1288	-29.2	-51.1	
Total petroleum products	thousand tonnes	339	359	394	387	426	383	388	366	413	322	347	318	314	-1.3	-7.4	
of which:																	
Liquefied petroleum gases	thousand tonnes	34	34	33	39	45	42	46	41	55	37	44	43	45	4.7	32.4	
Unleaded motor gasoline	thousand tonnes	31	44	58	36	46	52	42	38	44	10	39	34	30	-11.8	-3.2	
Transport diesel	thousand tonnes	192	200	211	209	242	200	218	205	238	222	199	164	167	1.8	-13.0	
Natural gas	million m ³	202	200	180	189	136	139	142	222	280	260	258	259	212	-18.1	5.0	
Electricity	GWh	2634	2457	2413	2614	2574	2336	2488	2790	3267	3364	3183	3040	2704	-11.1	2.7	

Figure 1. Production and deliveries of solid fuels

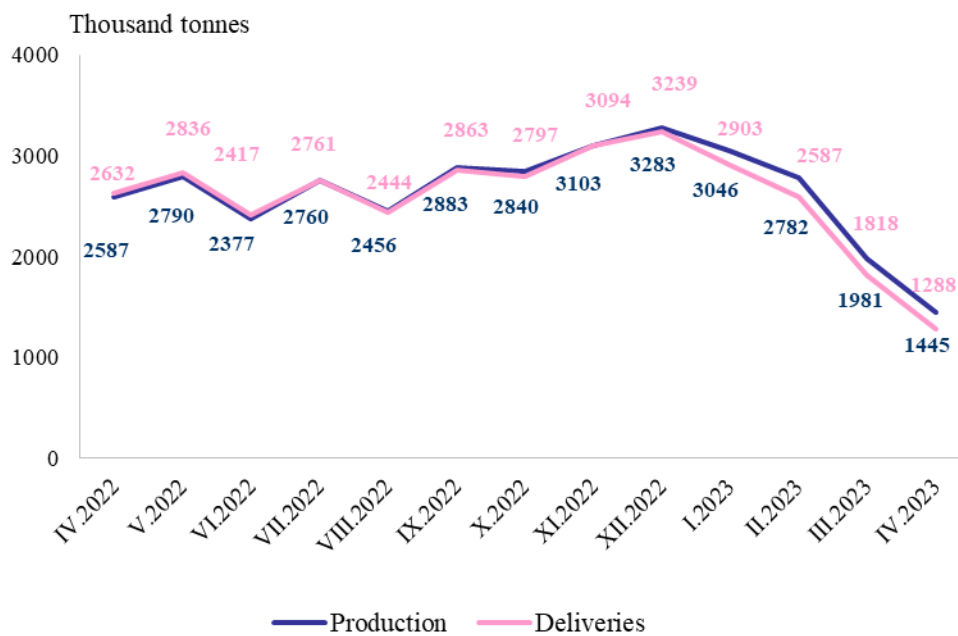


Figure 2. Production and deliveries of liquefied petroleum gases

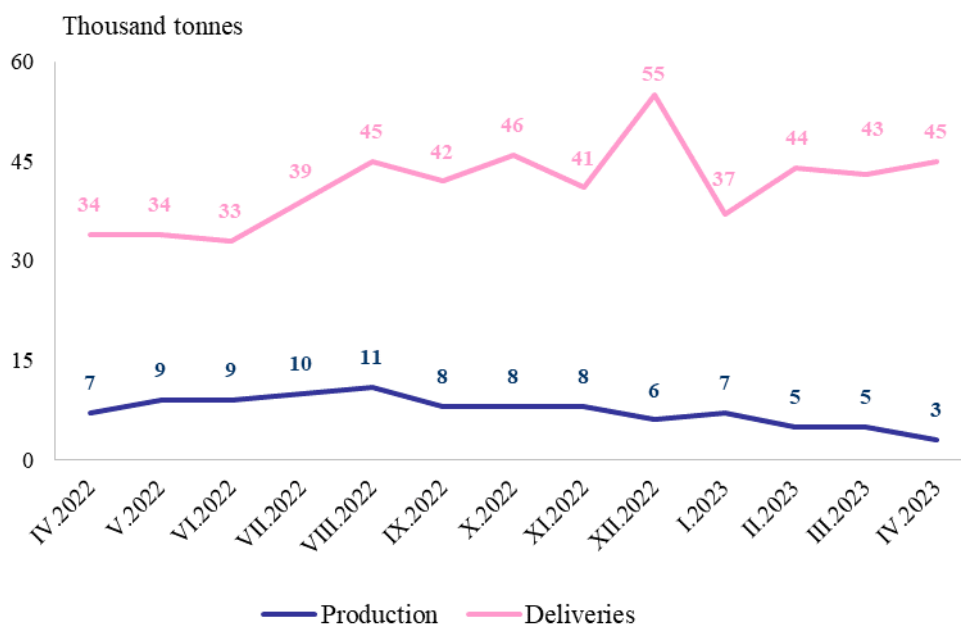


Figure 3. Production and deliveries of unleaded motor gasoline

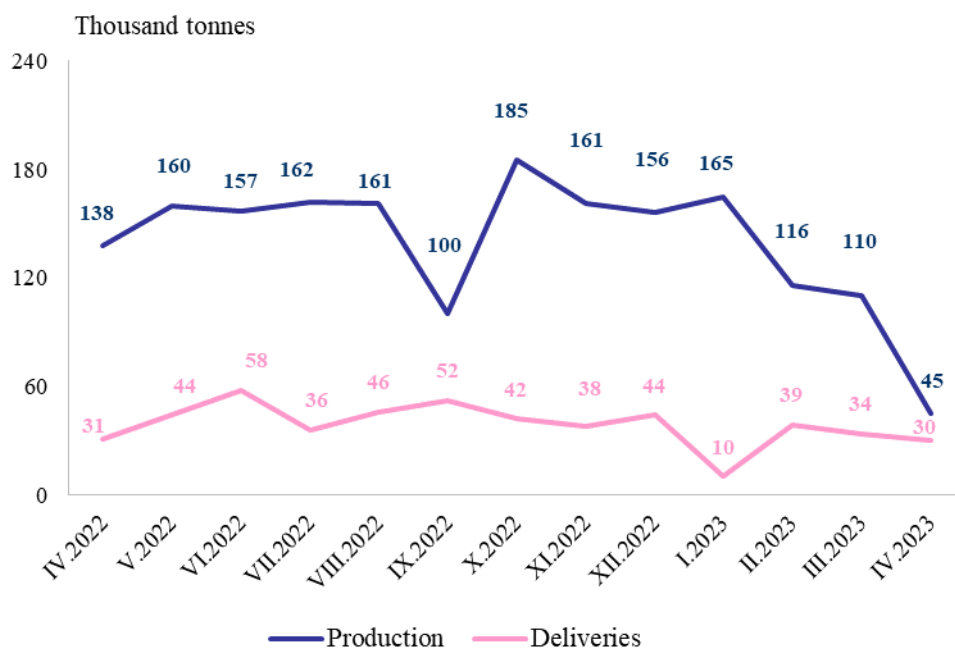


Figure 4. Production and deliveries of transport diesel

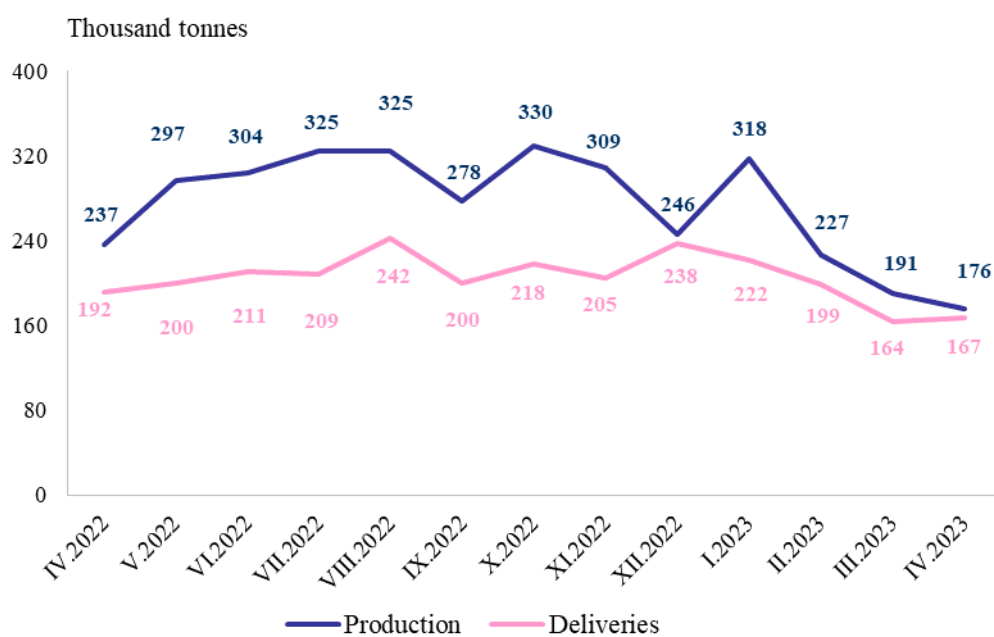


Figure 5. Production and deliveries of natural gas

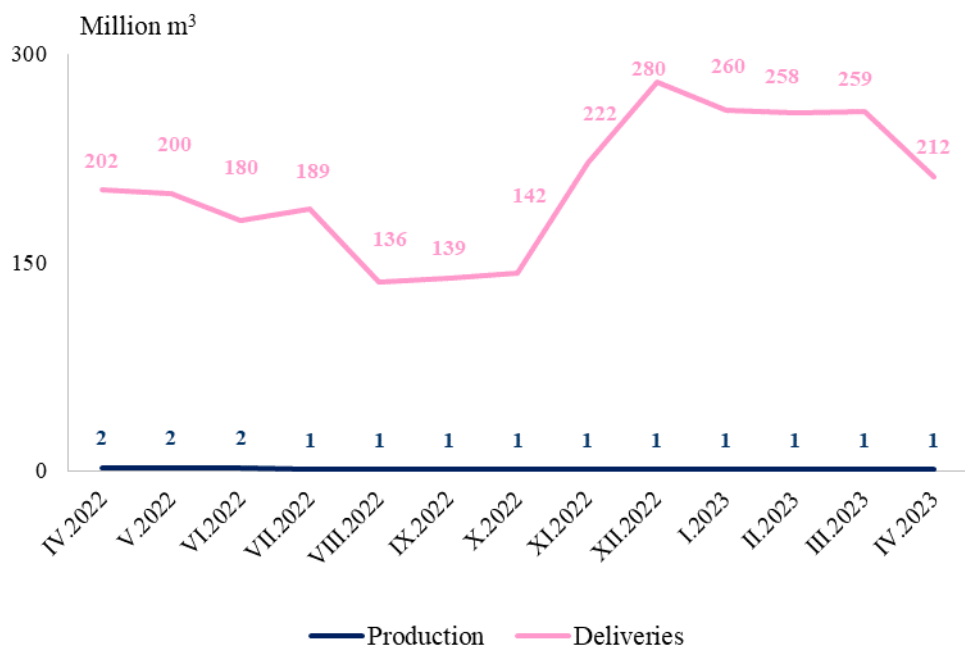


Figure 6. Production and deliveries of electricity

