



## PRODUCTION AND DELIVERIES OF ENERGY PRODUCTS, MARCH 2023

In March 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 solid fuels - by 28.8%.

In March 2023, compared to the previous month, an increase is observed only in the deliveries of natural gas - by 0.4%. The largest decrease is registered in solid fuels - by 29.7%.

### Production of energy products

In March 2023, compared to February 2023, no increase is observed for any of the energy products.

A decrease is reported for the production of:

- solid fuels - by 28.8% to 1 981 thousand tonnes;
- transport diesel - by 15.9% to 191 thousand tonnes;
- electricity - by 9.9% to 3 705 GWh;
- unleaded motor gasoline - by 5.2% to 110 thousand tonnes.

No change for the production of liquefied petroleum gases and natural gas (Annex, Table 1).

In March 2023, compared to the same month of the previous year, no increase is observed for any of the energy products.

A decrease is reported for the production of:

- natural gas - by 50.0%;
- solid fuels - by 44.7%;
- transport diesel - by 34.8%;
- unleaded motor gasoline - by 32.1%;
- liquefied petroleum gases - by 28.6%;
- electricity - by 28.0%.

### Deliveries of energy products

In March 2023, compared to February 2023, an increase is reported for the deliveries of natural gas - by 0.4% to 259 million m<sup>3</sup>.

A decrease is reported for the deliveries of:

- solid fuels - by 29.7% to 1 818 thousand tonnes;
- transport diesel - by 17.6% to 164 thousand tonnes;
- unleaded motor gasoline - by 12.8% to 34 thousand tonnes;
- electricity - by 4.5% to 3 040 GWh;
- liquefied petroleum gases - by 2.3% to 43 thousand tonnes (Annex, Table 2).



In March 2023, compared to the same month of the previous year, an increase is reported for the deliveries of liquefied petroleum gases - by 34.4%.

A decrease is reported for the deliveries of:

- solid fuels - by 50.2%;
- transport diesel - by 37.2%;
- unleaded motor gasoline - by 35.8%;
- natural gas - by 26.0%;
- electricity - by 10.6%.

## 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](http://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

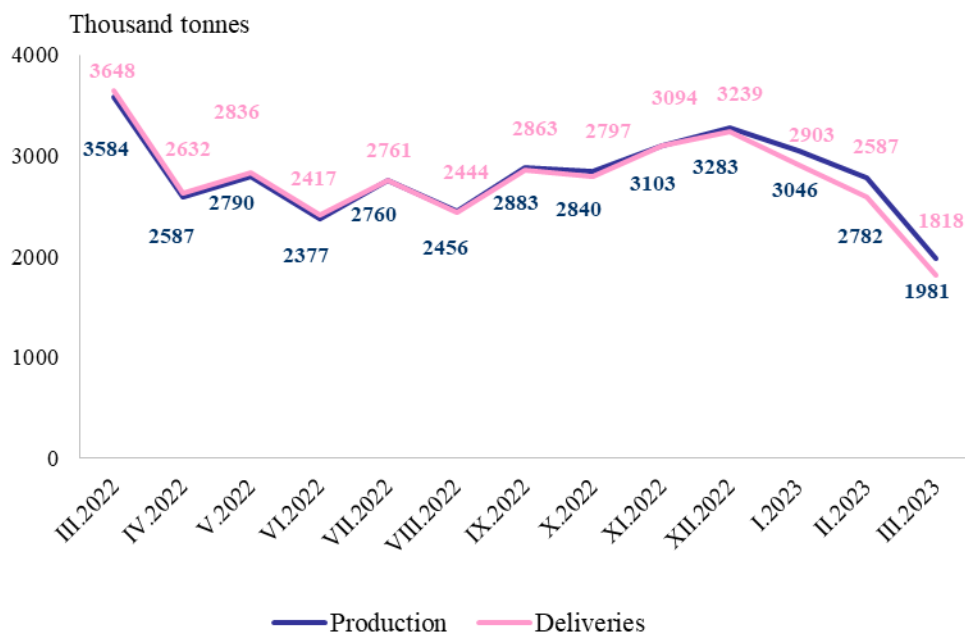
	Measure	2022										2023			Change in March 2023 (%)	
		III	IV	V	VI	VII	VIII	IX	X	XI	XII	I	II	III	On a monthly basis	On an annual basis
Solid fuels	thousand tonnes	3584	2587	2790	2377	2760	2456	2883	2840	3103	3283	3046	2782	1981	-28.8	-44.7
Total petroleum products	thousand tonnes	641	539	669	664	695	693	624	708	667	516	646	470	424	-9.8	-33.9
of which:																
Liquefied petroleum gases	thousand tonnes	7	7	9	9	10	11	8	8	8	6	7	5	5	0.0	-28.6
Unleaded motor gasoline	thousand tonnes	162	138	160	157	162	161	100	185	161	156	165	116	110	-5.2	-32.1
Transport diesel	thousand tonnes	293	237	297	304	325	325	278	330	309	246	318	227	191	-15.9	-34.8
Natural gas	million m <sup>3</sup>	2	2	2	2	1	1	1	1	1	1	1	1	1	0.0	-50.0
Electricity	GWh	5144	4119	3624	4031	4202	4125	3708	3200	4195	4383	4440	4114	3705	-9.9	-28.0

Table 2

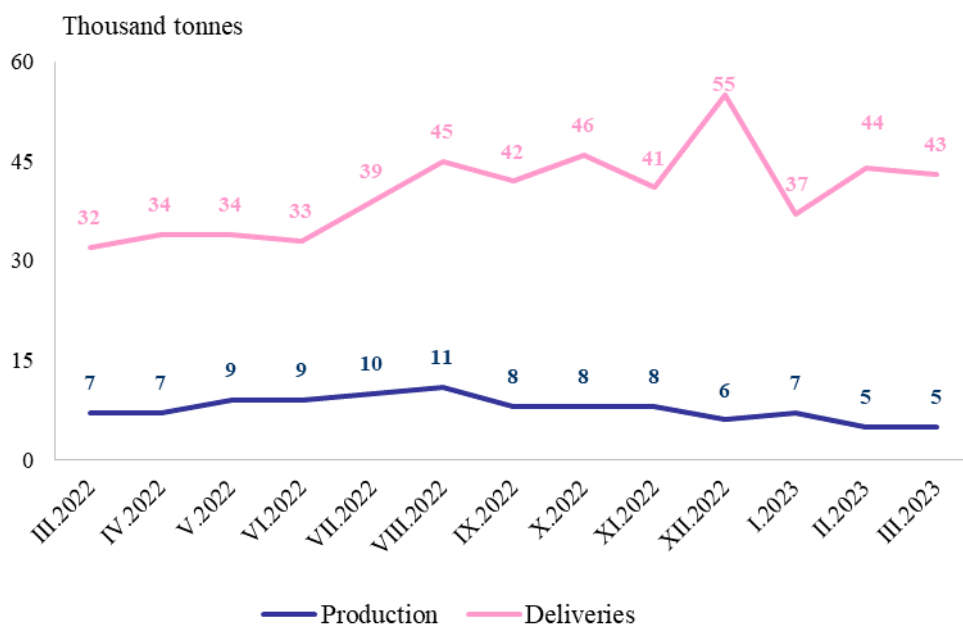
Deliveries of energy products

	Measure	2022										2023			Change in March 2023 (%)	
		III	IV	V	VI	VII	VIII	IX	X	XI	XII	I	II	III	On a monthly basis	On an annual basis
Solid fuels	thousand tonnes	3648	2632	2836	2417	2761	2444	2863	2797	3094	3239	2903	2587	1818	-29.7	-50.2
Total petroleum products	thousand tonnes	436	339	359	394	387	426	383	388	366	413	322	347	318	-8.4	-27.1
of which:																
Liquefied petroleum gases	thousand tonnes	32	34	34	33	39	45	42	46	41	55	37	44	43	-2.3	34.4
Unleaded motor gasoline	thousand tonnes	53	31	44	58	36	46	52	42	38	44	10	39	34	-12.8	-35.8
Transport diesel	thousand tonnes	261	192	200	211	209	242	200	218	205	238	222	199	164	-17.6	-37.2
Natural gas	million m <sup>3</sup>	350	202	200	180	189	136	139	142	222	280	260	258	259	0.4	-26.0
Electricity	GWh	3402	2634	2457	2413	2614	2574	2336	2488	2790	3267	3364	3183	3040	-4.5	-10.6

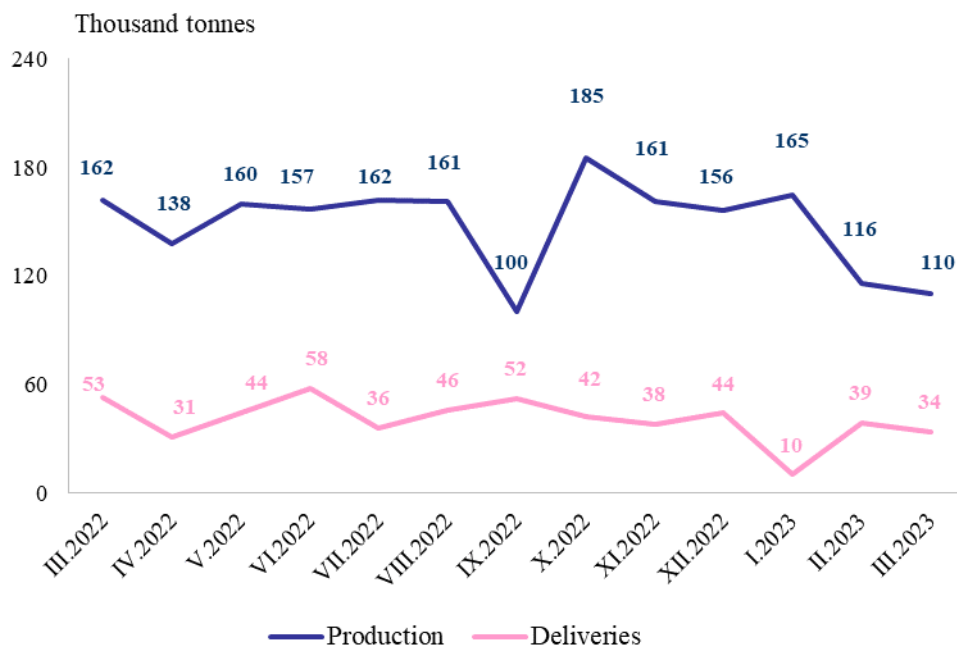
**Figure 1. Production and deliveries of solid fuels**



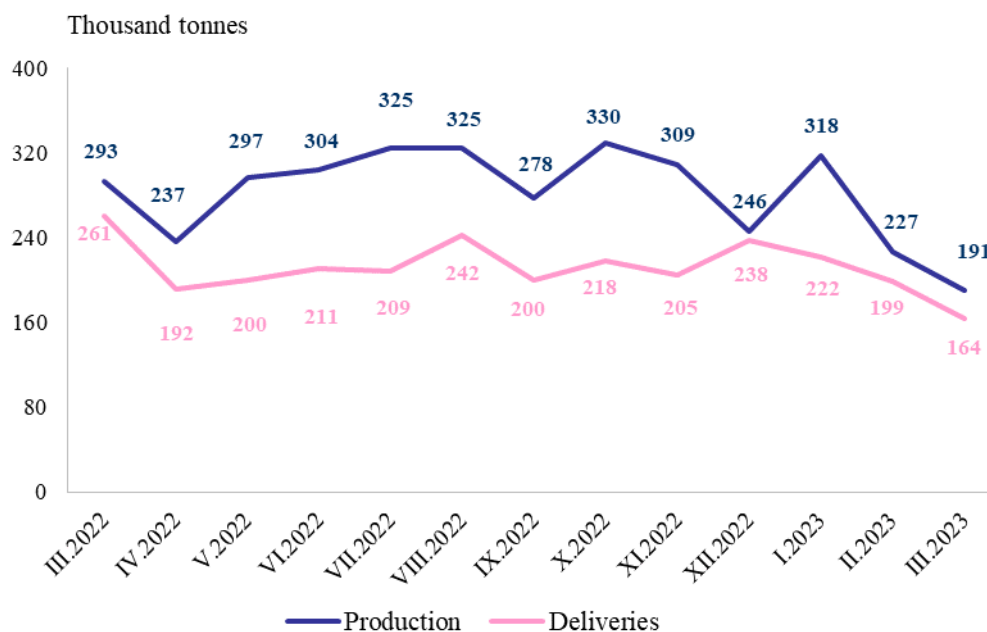
**Figure 2. Production and deliveries of liquefied petroleum gases**



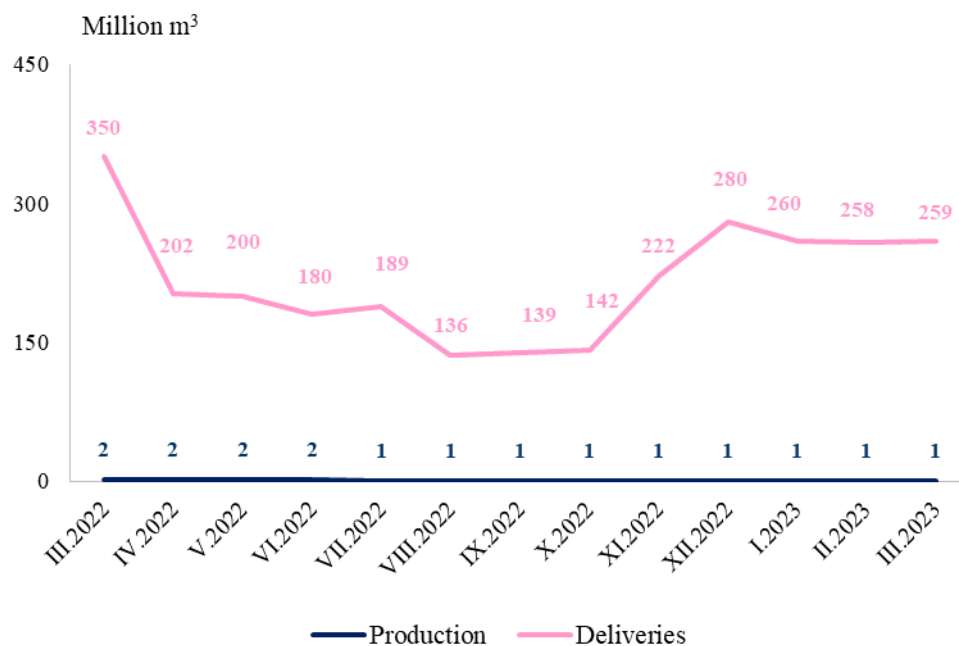
**Figure 3. Production and deliveries of unleaded motor gasoline**



**Figure 4. Production and deliveries of transport diesel**



**Figure 5. Production and deliveries of natural gas**



**Figure 6. Production and deliveries of electricity**

