

PRODUCTION AND DELIVERIES OF ENERGY PRODUCTS, SEPTEMBER 2023

In September 2023, compared to the previous month, for the production of energy products, an increase is observed only in solid fuels - by 6.3%. The largest decrease is registered in motor gasoline - by 12.3%.

For the deliveries of energy products, the largest increase is observed in natural gas - by 7.2%. The largest decrease is registered in motor gasoline - by 34.2%.

Production of energy products

In September 2023, compared to August 2023, an increase is reported for the production of solid fuels - by 6.3% to 1 392 thousand tonnes.

A decrease is reported for the production of:

- motor gasoline - by 12.3% to 150 thousand tonnes;
- transport diesel - by 10.0% to 260 thousand tonnes;
- electricity - by 3.7% to 3 149 GWh.

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

Compared to the same month of the previous year, an increase is reported for the production of motor gasoline - by 50.0%.

A decrease is reported for the production of:

- solid fuels - by 51.7%;
- electricity - by 15.1%;
- transport diesel - by 6.5%.

There is no change for the production of natural gas and liquefied petroleum gases.

Deliveries of energy products

In September 2023, compared to August 2023, an increase is reported for the deliveries of:

- natural gas - by 7.2% to 179 million m³;
- solid fuels - by 5.8% to 1 442 thousand tonnes.

A decrease is reported for the deliveries of:

- motor gasoline - by 34.2% to 52 thousand tonnes;
- transport diesel - by 15.5% to 218 thousand tonnes;
- electricity - by 11.4% to 2 306 GWh;
- liquefied petroleum gases - by 4.3% to 44 thousand tonnes (Annex, Table 2).

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

- natural gas - by 28.8%;
- transport diesel - by 9.0%;
- liquefied petroleum gases - by 4.8%.

A decrease is reported for the deliveries of:



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- solid fuels - by 49.6%;
 - electricity - by 1.3%.

There is no change for the deliveries of motor gasoline.

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 September 2023 (%)	
		IX	X	XI	XII	I	II	III	IV	V	VI	VII	VIII	IX	On a monthly basis	On an annual basis	
Solid fuels	thousand tonnes	2883	2840	3103	3283	3046	2782	1981	1445	1047	794	1361	1309	1392	6.3	-51.7	
Total petroleum products	thousand tonnes	624	708	667	516	646	470	424	337	535	543	666	691	617	-10.7	-1.1	
of which:																	
Liquefied petroleum gases	thousand tonnes	8	8	8	6	7	5	5	3	6	8	6	8	8	0.0	0.0	
Motor gasoline	thousand tonnes	100	185	161	156	165	116	110	45	149	134	169	171	150	-12.3	50.0	
Transport diesel	thousand tonnes	278	330	309	246	318	227	191	176	249	268	295	289	260	-10.0	-6.5	
Natural gas	million m ³	1	1	1	1	1	1	1	1	1	1	1	1	1	0.0	0.0	
Electricity	GWh	3708	3200	4195	4383	4440	4114	3705	3063	2518	2963	3355	3269	3149	-3.7	-15.1	

Table 2

Deliveries of energy products

	Measure	2022				2023										Change in September 2023 (%)	
		IX	X	XI	XII	I	II	III	IV	V	VI	VII	VIII	IX	On a monthly basis	On an annual basis	
Solid fuels	thousand tonnes	2863	2797	3094	3239	2909	2593	1824	1294	937	786	1537	1363	1442	5.8	-49.6	
Total petroleum products	thousand tonnes	383	388	366	413	322	347	318	314	370	388	477	466	397	-14.8	3.7	
of which:																	
Liquefied petroleum gases	thousand tonnes	42	46	41	55	37	44	43	45	43	34	52	46	44	-4.3	4.8	
Motor gasoline	thousand tonnes	52	42	38	44	10	39	34	30	46	45	69	79	52	-34.2	0.0	
Transport diesel	thousand tonnes	200	218	205	238	222	199	164	167	208	227	265	258	218	-15.5	9.0	
Natural gas	million m ³	139	142	222	280	260	258	259	212	150	145	179	167	179	7.2	28.8	
Electricity	GWh	2336	2488	2790	3267	3364	3183	3040	2704	2473	2300	2657	2604	2306	-11.4	-1.3	

Figure 1. Production and deliveries of solid fuels

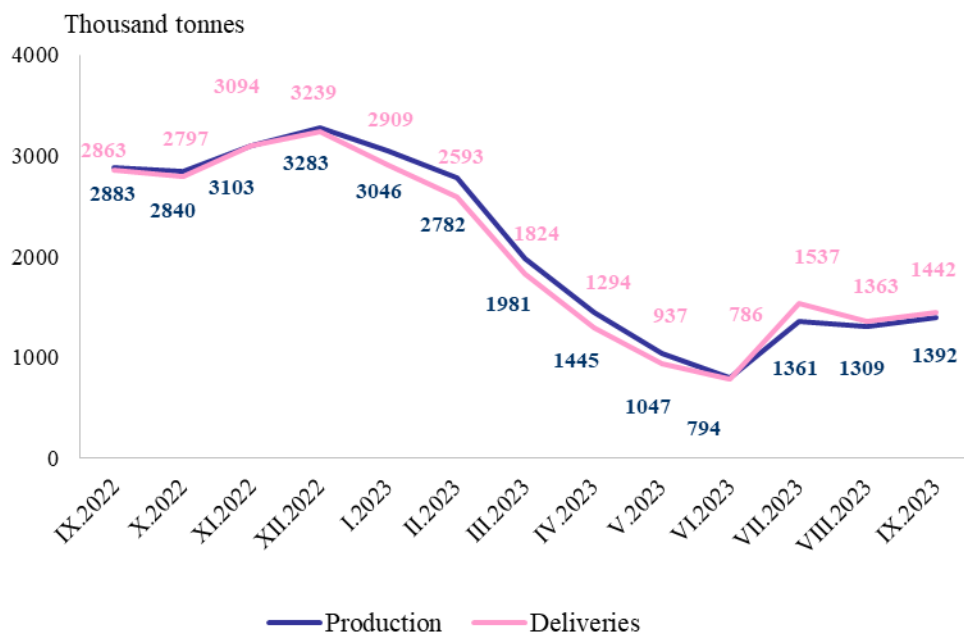


Figure 2. Production and deliveries of liquefied petroleum gases

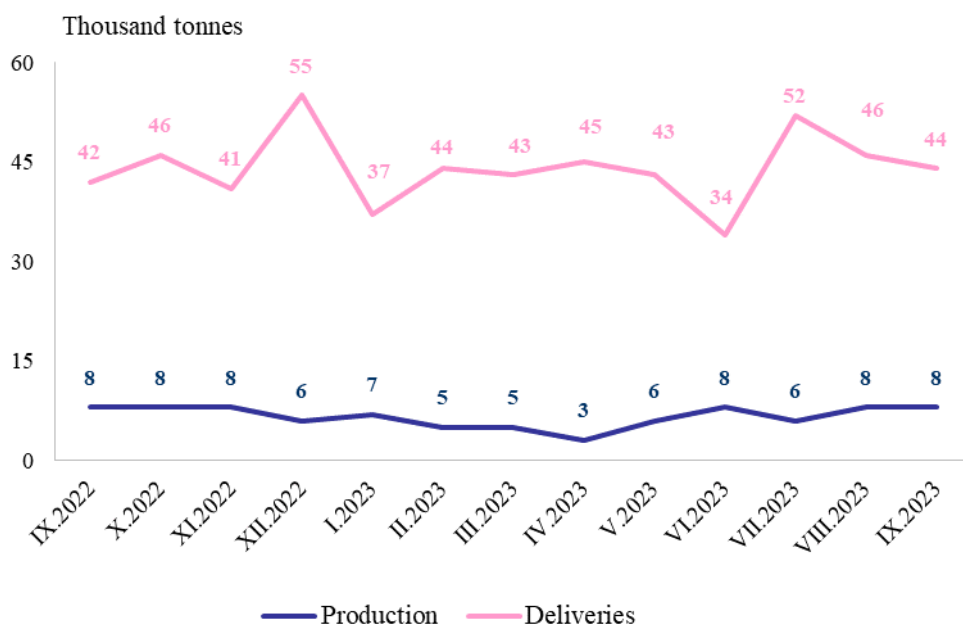


Figure 3. Production and deliveries of motor gasoline

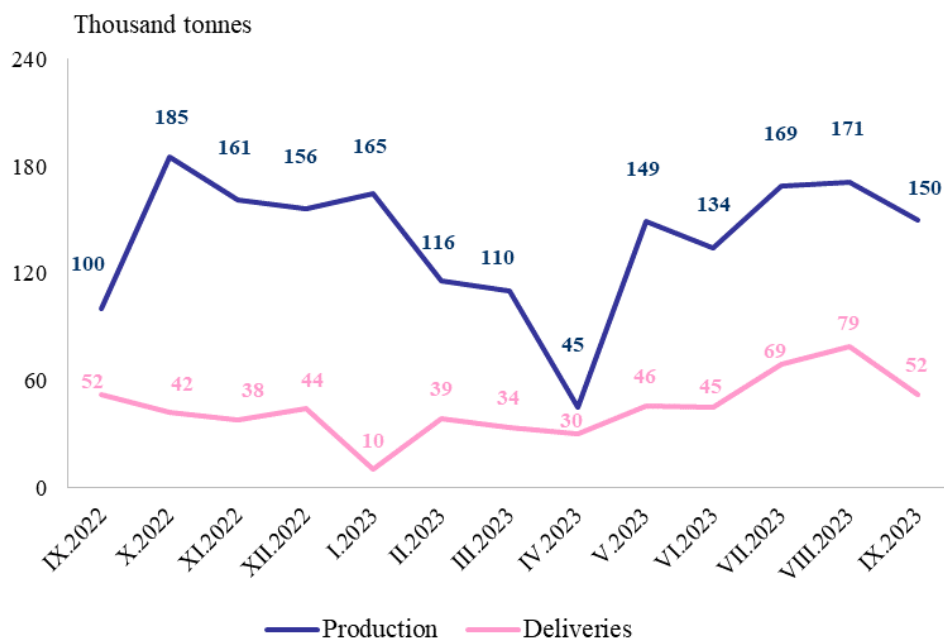


Figure 4. Production and deliveries of transport diesel

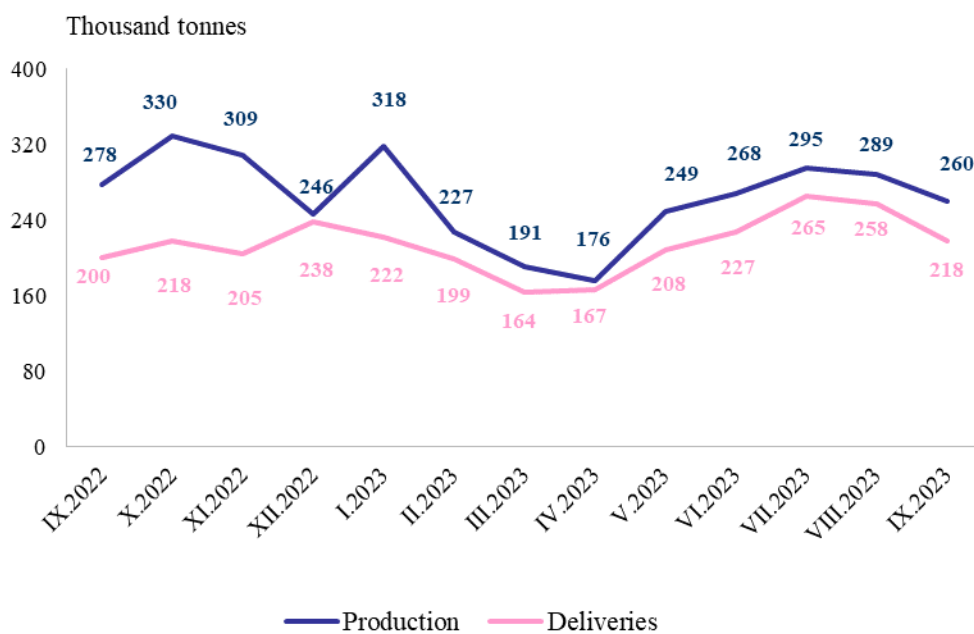


Figure 5. Production and deliveries of natural gas

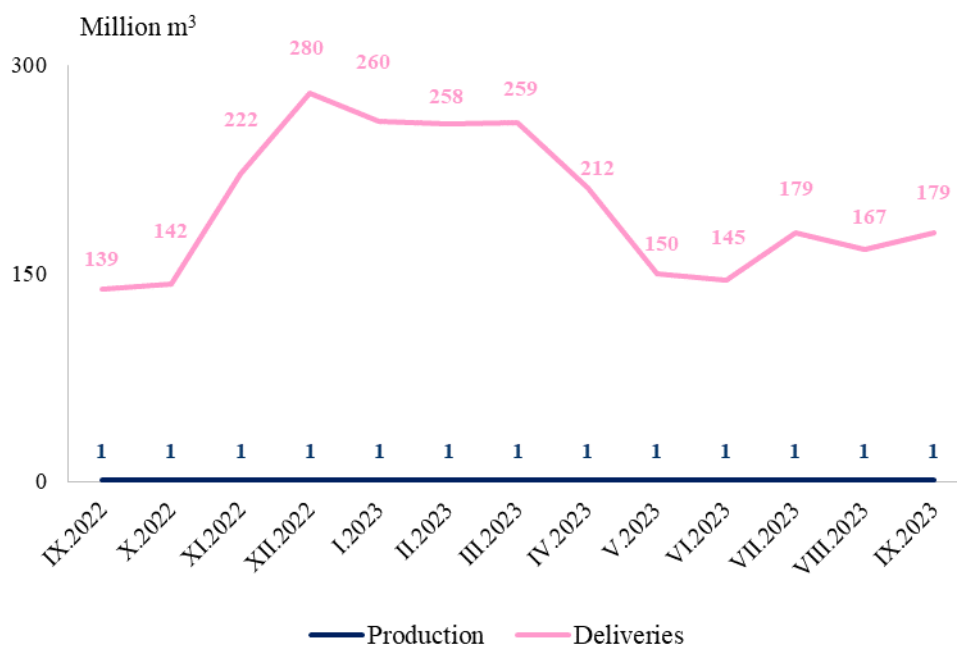


Figure 6. Production and deliveries of electricity

