

PRODUCTION AND DELIVERIES OF ENERGY PRODUCTS, DECEMBER 2020

Production of energy products

In December 2020 compared to November 2020 an increase is reported for the production of:

- solid fuels - by 12.9% to 2 209 thousand tonnes;
- electricity - by 6.9% to 3 888 GWh.

A decrease is reported for the production of:

- unleaded motor gasoline - by 4.3% to 90 thousand tonnes;
- transport diesel - by 1.0% to 195 thousand tonnes;
- natural gas - by 20.0% to 4 million m³.

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

In December 2020 compared to the same month of the previous year, a decrease is reported for the production of:

- solid fuels - by 15.3%;
- liquefied petroleum gases – by 50.0%;
- unleaded motor gasoline - by 38.8%;
- transport diesel - by 26.7%;
- natural gas - by 20.0%;
- electricity - by 4.5%.

Deliveries of energy products

In December 2020 compared to November 2020 an increase is reported for the deliveries of:

- solid fuels - by 12.4% to 2 310 thousand tonnes;
- natural gas - by 18.9% to 384 million m³;
- electricity - by 10.0% to 3 378 GWh.

A decrease is reported for the deliveries of:

- liquefied petroleum gases - by 13.5% to 32 thousand tonnes;
- unleaded motor gasoline - by 18.4% to 31 thousand tonnes;

No change for the deliveries of transport diesel (Annex, Table 2).

In December 2020 compared to the same month of the previous year, an increase is reported for the deliveries of:

- natural gas- by 15.0%.

At the same time a decrease is reported for the deliveries of:

- solid fuels - by 13.2%;
- liquefied petroleum gases - by 22.0%;
- unleaded motor gasoline - by 6.1%;
- transport diesel - by 2.7%.

No change for the deliveries of electricity.

Methodological notes

The survey on energy products is conducted every month in accordance with the Regulation (EO) 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 the 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 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 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, 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 sulphur. 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 of the Council on energy statistics, we use a conversion factor of 0.98294.

Electricity

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

Deliveries - sum of net produced electricity and net import.

Annex

Table 1

Production of energy products

	Measure	2019	2020											
		XII	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
Solid fuels	thousand tonnes	2607	2369	2431	2025	1793	1227	1309	1488	1804	1602	2098	1957	2209
Total petroleum products	thousand tonnes	568	552	559	521	442	274	343	444	398	380	396	395	379
of which:														
Liquefied petroleum gases	thousand tonnes	10	10	10	8	5	5	5	6	6	5	7	5	5
Unleaded motor gasoline	thousand tonnes	147	149	138	128	106	63	75	107	91	91	93	94	90
Transport diesel	thousand tonnes	266	259	256	250	224	132	173	227	201	187	196	197	195
Natural gas	million m ³	5	6	5	5	4	4	4	4	5	5	5	5	4
Electricity	GWh	4070	3960	3782	3908	3066	2735	3149	3348	3312	3083	3000	3637	3888

Table 2

Deliveries of energy products

	Measure	2019	2020											
		XII	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
Solid fuels	thousand tonnes	2660	2428	2495	2090	1852	1286	1383	1557	1867	1649	2172	2055	2310
Total petroleum products	thousand tonnes	335	327	279	291	224	303	340	366	409	370	373	329	294
of which:														
Liquefied petroleum gases	thousand tonnes	41	43	34	30	18	36	42	38	40	47	32	37	32
Unleaded motor gasoline	thousand tonnes	33	40	28	28	23	43	41	39	50	47	41	38	31
Transport diesel	thousand tonnes	187	179	150	166	115	163	194	206	232	191	216	182	182
Natural gas	million m ³	334	360	316	302	232	185	173	171	156	171	247	323	384
Electricity	GWh	3377	3679	3196	3073	2578	2344	2337	2585	2548	2461	2632	3070	3378

Figure 1. Production and deliveries of solid fuels

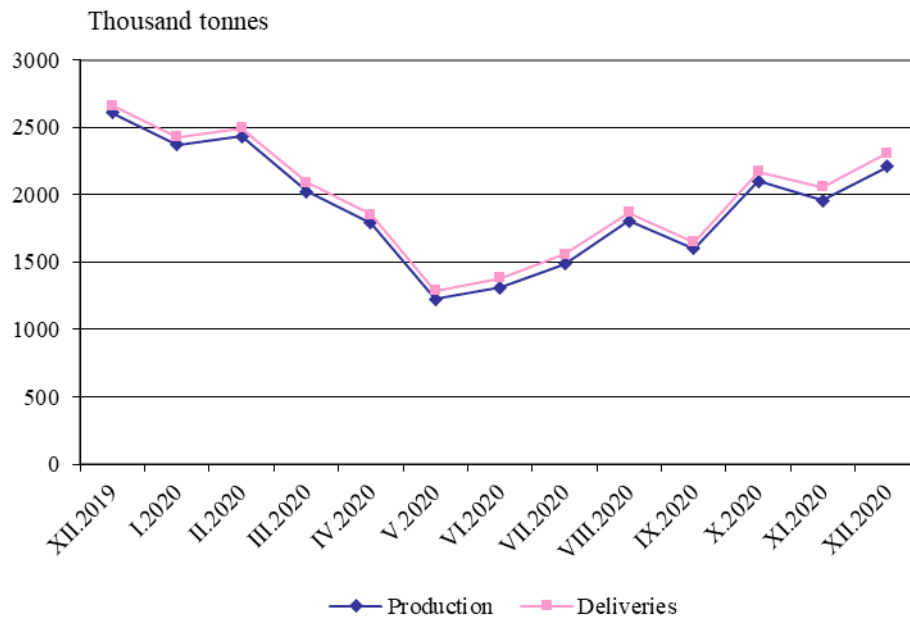


Figure 2. Production and deliveries of liquefied petroleum gases

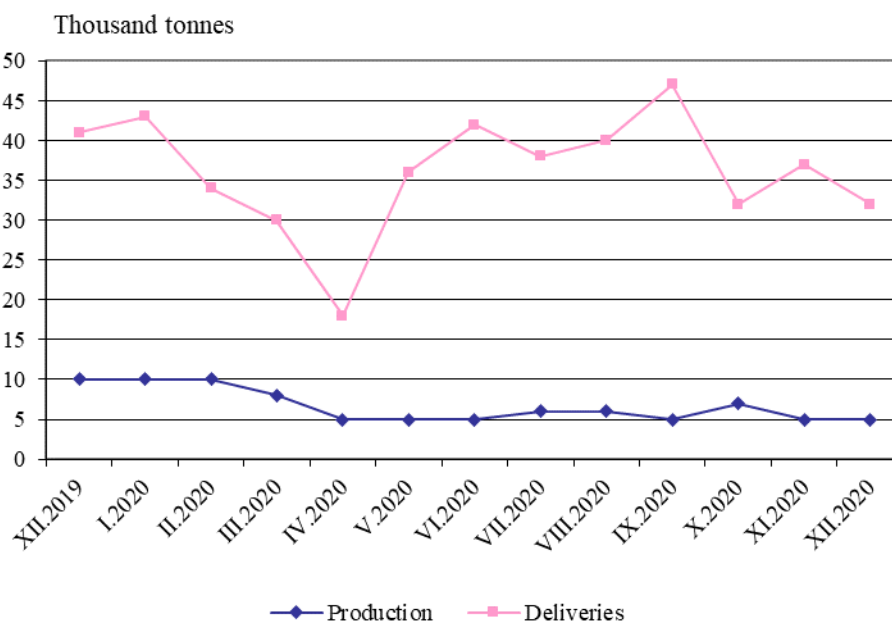


Figure 3. Production and deliveries of unleaded motor gasoline

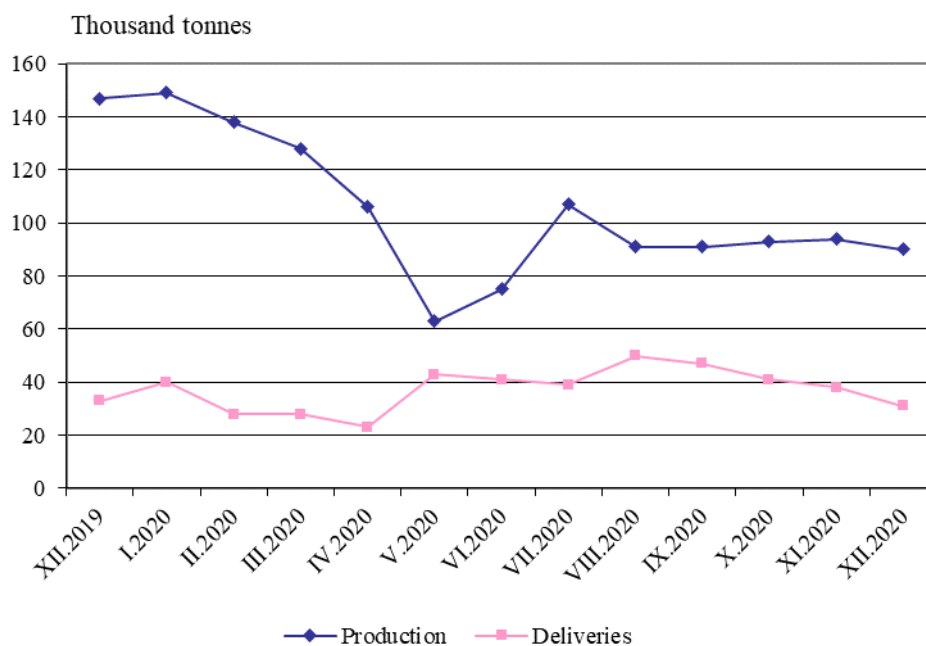


Figure 4. Production and deliveries of transport diesel

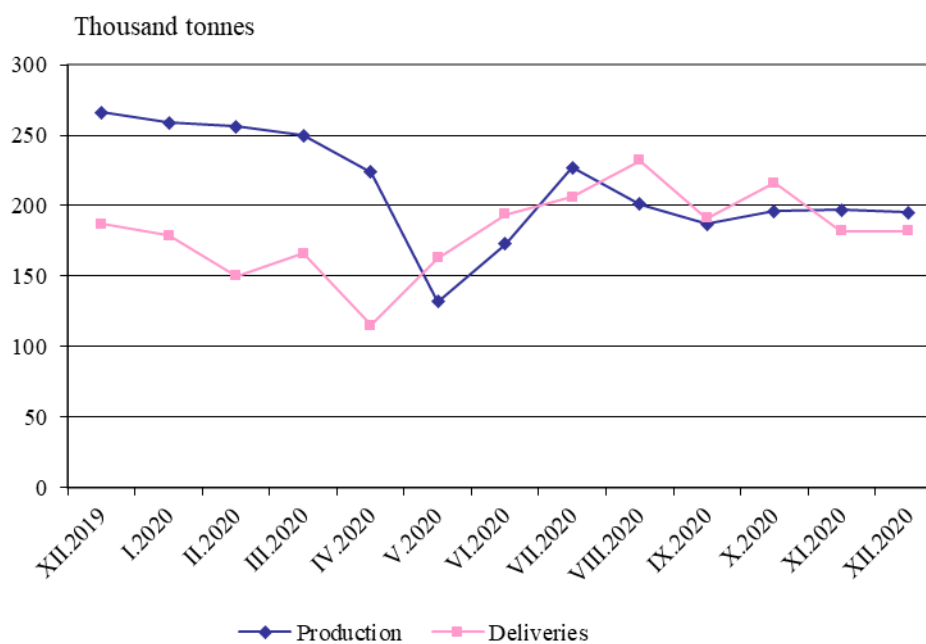


Figure 5. Production and deliveries of natural gas

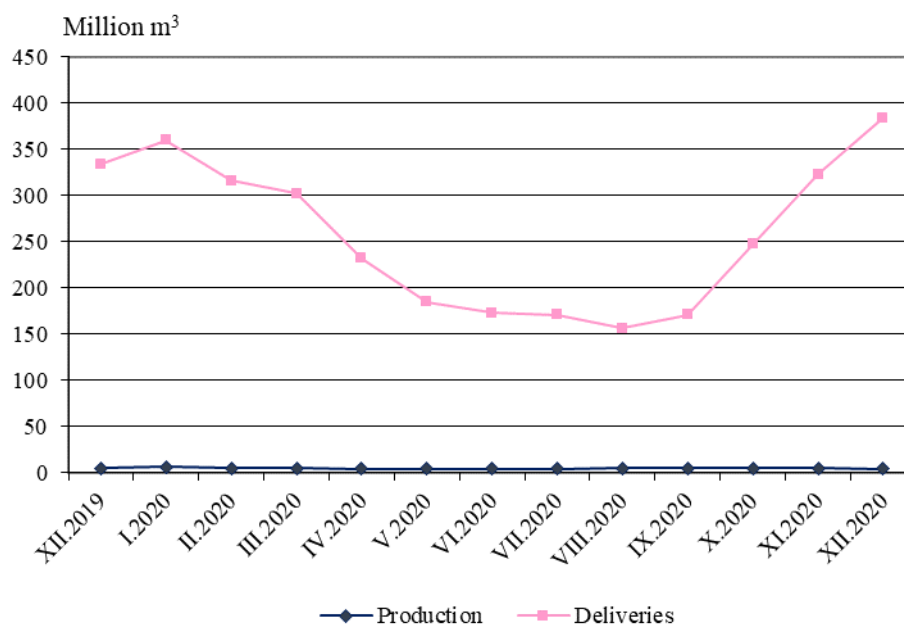


Figure 6. Production and deliveries of electricity

