

PRODUCTION AND DELIVERIES OF ENERGY PRODUCTS, NOVEMBER 2021

Production of energy products

In November 2021, compared to October 2021, an increase is reported for the production of electricity - by 12.4% to 4 416 GWh.

A decrease is reported for the production of solid fuels - by 6.5% to 3 239 thousand tonnes.

Production of petroleum products keeps its low levels due to scheduled repairs of production installations continuing in November. While liquefied petroleum gases and unleaded motor gasoline has no change compared to the levels from previous month, a decrease is observed for the production of transport diesel by 34.1% to 29 thousand tonnes.

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

In November 2021, compared to the same month of the previous year, an increase is reported for the production of:

- solid fuels - by 65.5%;
- electricity - by 21.4%.

A decrease is reported for the production of:

- liquefied petroleum gases - by 100.0%;
- unleaded motor gasoline - by 95.7%;
- transport diesel - by 85.3%;
- natural gas - by 60.0%.

Deliveries of energy products

In November 2021, compared to October 2021, an increase is reported for the deliveries of:

- liquefied petroleum gases - by 8.1% to 40 thousand tonnes;
- unleaded motor gasoline - by 11.9% to 47 thousand tonnes;
- natural gas - by 18.4% to 283 million m³;
- electricity - by 5.3% to 2 898 GWh.

A decrease is reported for the deliveries of:

- solid fuels - by 6.2% to 3 314 thousand tonnes;
- transport diesel - by 17.9% to 160 thousand tonnes (Annex, Table 2).

Deliveries of petroleum products in the country are secured mainly by quantities of stocks, accumulated in the previous month and from imports.

In November 2021, compared to the same month of the previous year, an increase is reported for the deliveries of:

- solid fuels - by 61.3%;
- liquefied petroleum gases - by 8.1%;
- unleaded motor gasoline - by 23.7%;

A decrease is reported for the deliveries of:

- transport diesel - by 12.1%;
- natural gas - by 12.4%;
- electricity - by 5.6%.



Methodological notes

The survey on energy products is conducted every month in accordance with 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 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 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 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 - the sum of the net produced electricity and net import.



Annex

Table 1

Production of energy products

	Measure	2020		2021										
		XI	XII	I	II	III	IV	V	VI	VII	VIII	IX	X	XI
Solid fuels	thousand tonnes	1957	2209	1813	1947	2009	1846	2393	1000	1977	2573	2845	3463	3239
Total petroleum products	thousand tonnes	395	379	341	358	490	342	495	470	482	531	494	71	40
of which:														
Liquefied petroleum gases	thousand tonnes	5	5	6	5	7	5	6	6	8	11	9	0	0
Unleaded motor gasoline	thousand tonnes	94	90	84	91	113	62	120	112	121	124	107	4	4
Transport diesel	thousand tonnes	197	195	169	173	251	169	246	223	211	242	211	44	29
Natural gas	million m ³	5	4	4	3	3	3	2	2	2	2	2	2	2
Electricity	GWh	3637	3888	4156	3759	4268	3868	3342	3225	3835	3861	4010	3930	4416

Table 2

Deliveries of energy products

	Measure	2020		2021										
		XI	XII	I	II	III	IV	V	VI	VII	VIII	IX	X	XI
Solid fuels	thousand tonnes	2055	2310	1914	2012	2097	1915	2441	1048	2062	2686	2921	3533	3314
Total petroleum products	thousand tonnes	329	294	264	296	318	388	347	368	421	404	394	359	323
of which:														
Liquefied petroleum gases	thousand tonnes	37	32	29	32	37	34	33	35	35	41	35	37	40
Unleaded motor gasoline	thousand tonnes	38	31	36	37	35	49	34	45	50	51	46	42	47
Transport diesel	thousand tonnes	182	182	144	162	165	217	191	191	251	239	219	195	160
Natural gas	million m ³	323	384	381	347	377	294	234	230	259	196	206	239	283
Electricity	GWh	3070	3378	3431	3051	3290	2825	2411	2490	2746	2729	2396	2753	2898

Figure 1. Production and deliveries of solid fuels

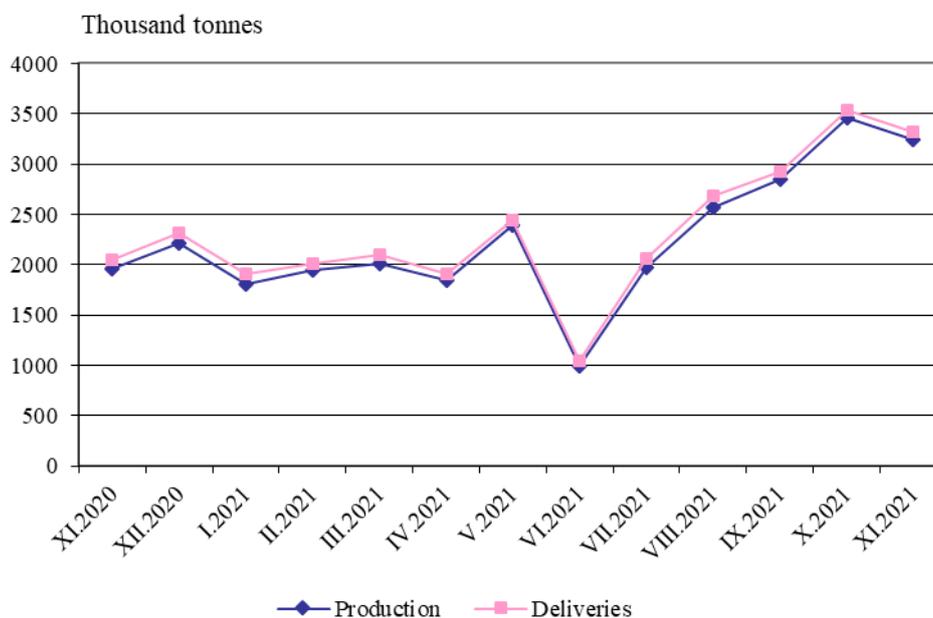


Figure 2. Production and deliveries of liquefied petroleum gases

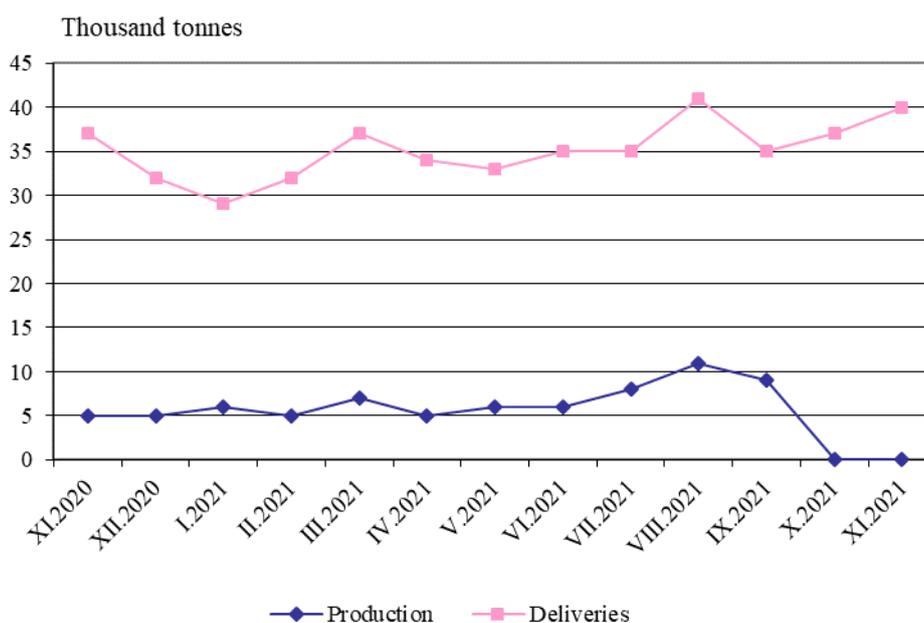


Figure 3. Production and deliveries of unleaded motor gasoline

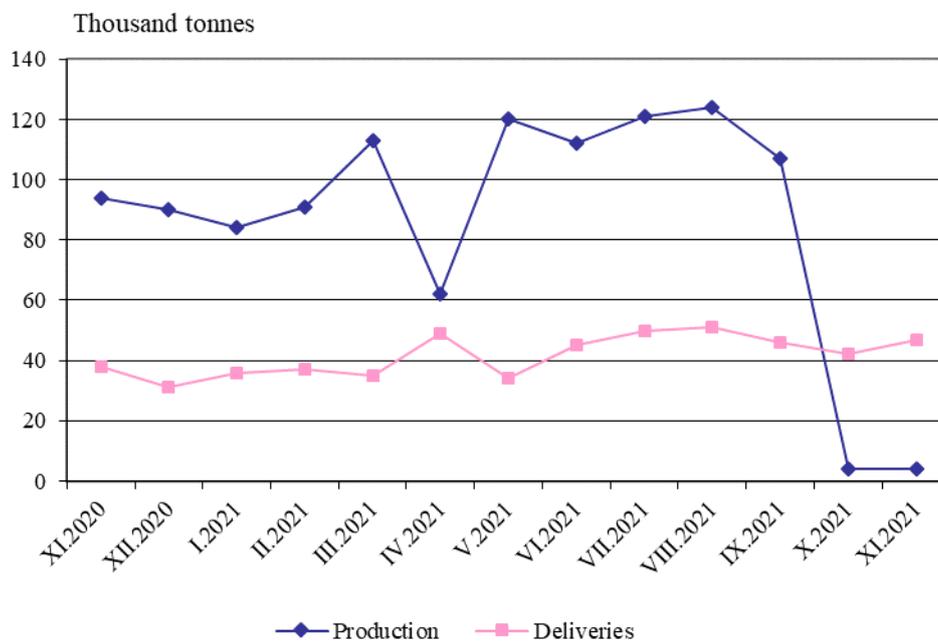


Figure 4. Production and deliveries of transport diesel

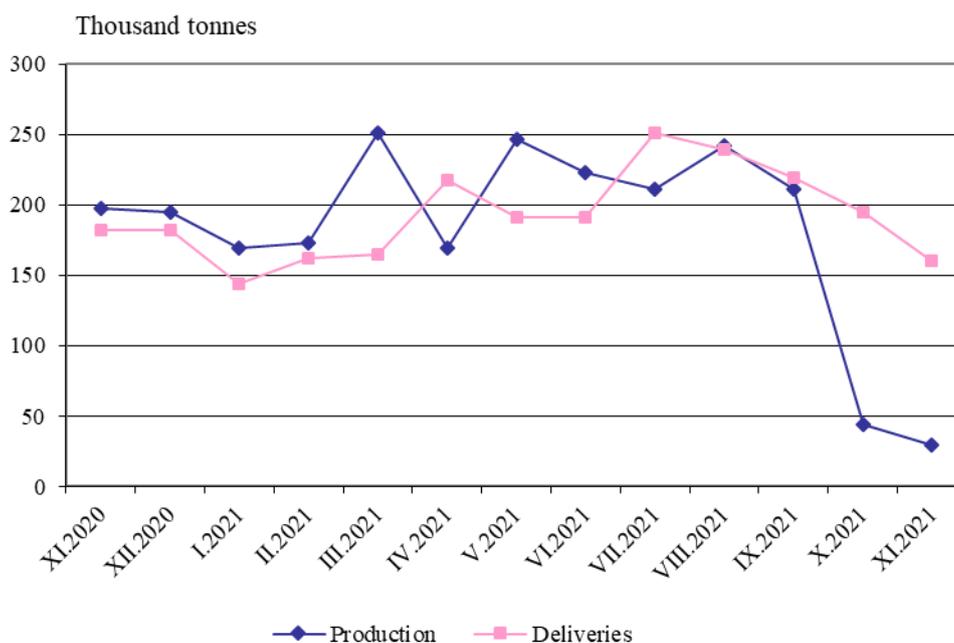


Figure 5. Production and deliveries of natural gas

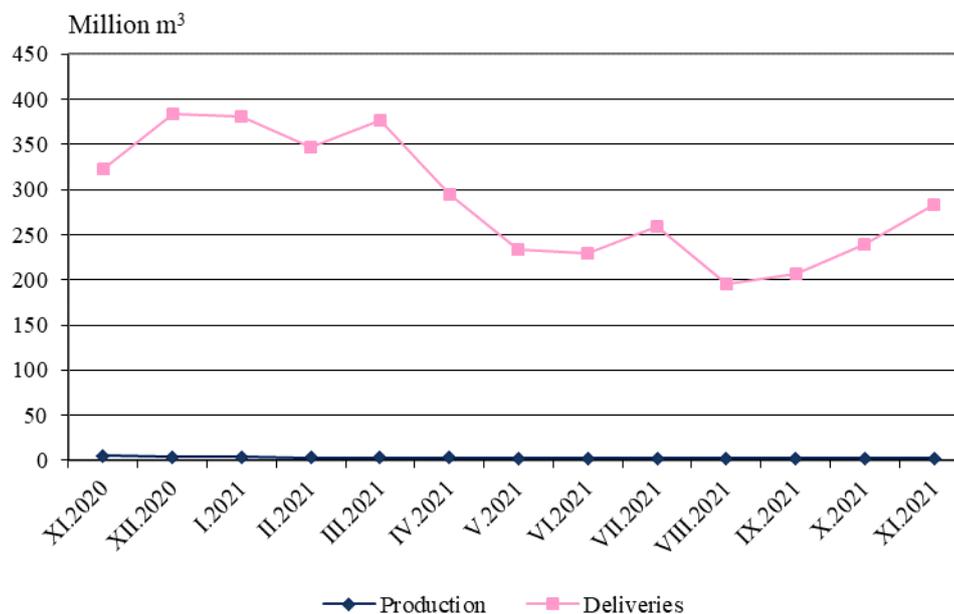


Figure 6. Production and deliveries of electricity

