



SHORT-TERM INDICATORS OF ENERGY STATISTICS, AUGUST 2024, FIRST RESULTS AND REVISED DATA ON NATURAL GAS FOR JUNE AND JULY 2024

In August 2024, electricity available for the inland market amounted to 1 839 GWh. The availability of electricity for domestic consumption decreased by 2.1% compared to July 2024 and increased by 11.0% compared to August 2023.

The amount of natural gas available for consumption in August 2024 was 6 491 TJ, while the stocks increased by 253 TJ. The amount of natural gas available for domestic consumption in August 2024 increased by 22.2% compared to July 2024 and decreased by 15.8% compared to August 2023.

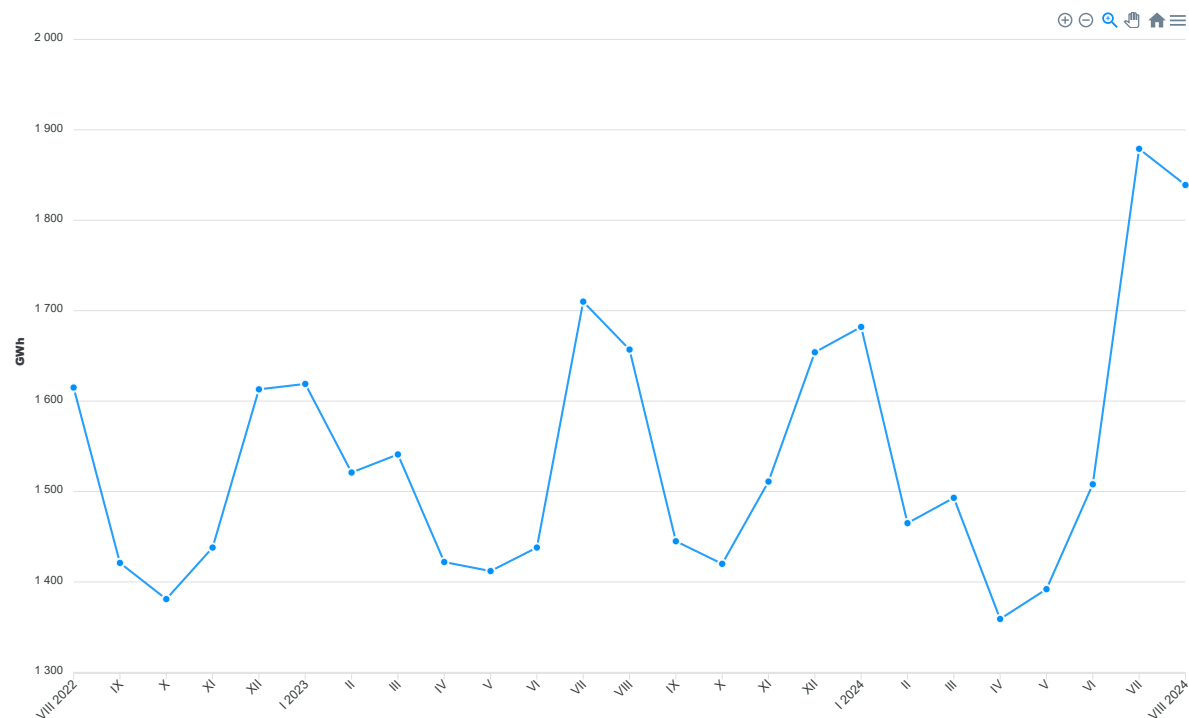
The amount of petroleum products available for consumption in August 2024 was 384 thousand tonnes, while the stocks decreased by 28 thousand tonnes. The amount of petroleum products available for domestic consumption in August 2024 increased by 8.8% compared to July 2024 and by 4.3% compared to August 2023.

The amount of electricity available for consumption also includes losses in the electricity network.

As for other energy products, the quantity available for the inland market also contains the quantities of energy products that may end up in warehouses, either in those of final consumers or in retail trade.

Data for natural gas for June and July 2024 have been revised due to subsequently submitted correct data of reporting units.

G-1 ELECTRICITY AVAILABLE FOR INLAND MARKET, AUGUST 2022 – AUGUST 2024



1 ELECTRICITY

GWh

Supply	Electricity							
	2023				2024			
	V	VI	VII	VIII	V	VI	VII	VIII
Total gross production	1 534	1 319	1 280	1 344	1 017	956	1 230	1 164
Hydro power plants	925	658	562	561	464	533	482	400
Thermal power plants and CHP on fossil fuels	260	388	489	477	298	161	402	438
Thermal power plants and CHP on renewable fuels	85	80	70	76	81	78	71	74
Wind power plants	238	156	116	188	187	113	192	161
Solar power plants	23	37	43	41	67	71	83	91
Geothermal power plants	2	-	-	-	-	-	-	-
Total net production	1 522	1 285	1 250	1 310	1 001	943	1 203	1 134
Hydro power plants	923	657	560	560	461	531	480	398
Thermal power plants and CHP on fossil fuels	258	365	466	452	211	157	382	415
Thermal power plants and CHP on renewable fuels	80	71	66	70	75	72	66	69
Wind power plants	237	155	115	187	186	112	191	160
Solar power plants	23	37	43	41	67	71	83	91
Geothermal power plants	2	-	-	-	-	-	-	-
Import	677	838	947	830	1 011	1 362	1 525	1 525
Export	786	679	487	483	590	773	816	803
Energy absorbed by storage pumping	1	6	-	-	30	24	32	18
Available for inland market	1 412	1 438	1 710	1 657	1 392	1 508	1 879	1 839

2 NATURAL GAS

Supply	Unit of measure	Natural gas							
		2023				2024			
		V	VI	VII	VIII	V	VI	VII	VIII
Production	mIn m ³	61	57	62	60	58	62 ¹⁾	67 ¹⁾	74
	TJ (GCV)	2 409	2 278	2 468	2 399	2 289	2 438 ¹⁾	2 633 ¹⁾	2 881
Import	mIn m ³	184	282	204	279	171	176	255	177
	TJ (GCV)	7 476	11 384	8 045	11 510	6 795	7 020	10 016	6 851
Export	mIn m ³	85	127	121	120	74	60	77	78
	TJ (GCV)	3 432	5 014	4 738	4 668	2 830	2 318	2 982	2 988
Variation of stocks	mIn m ³	1	85	-28	48	26	71	109	19
	TJ (GCV)	25	3 326	-829	1 535	1 088	2 814	4 356	253
Available for inland market	mIn m ³	158	127	174	172	129	107 ¹⁾	136 ¹⁾	153
	TJ (GCV)	6 428	5 322	6 604	7 705	5 165	4 326 ¹⁾	5 311 ¹⁾	6 491

1) The data were revised due to subsequently submitted correct data of reporting units.

3 HYDROCARBONS

3.1 CRUDE OIL

'000 tonnes

Supply	Crude oil							
	2023				2024			
	V	VI	VII	VIII	V	VI	VII	VIII
Production	43	43	44	44	43	40	43	41
Import	180	180	187	377	89	235	173	83
Export	52	-	-	-	-	-	-	59
Variation of stocks	-26	-3	-28	136	-32	70	-69	-193
Refinery input	197	226	259	285	164	205	285	258

3.2 PETROLEUM PRODUCTS - TOTAL

'000 tonnes

Supply	Petroleum products							
	2023				2024			
	V	VI	VII	VIII	V	VI	VII	VIII
Production	239	299	324	354	245	266	322	299
Import	244	169	222	190	293	239	278	246
Export	86	160	169	202	183	182	190	189
Variation of stocks	83	10	34	-26	47	-18	57	-28
Available for inland market	314	298	343	368	308	341	353	384

3.2.1 MOTOR GASOLINE

'000 tonnes

Supply	Motor gasoline							
	2023				2024			
	V	VI	VII	VIII	V	VI	VII	VIII
Production	59	70	77	84	38	70	81	78
Import	10	7	10	11	45	8	22	11
Export	17	41	11	20	21	23	30	28
Variation of stocks	11	-14	23	7	13	-2	4	-3
Available for inland market	41	50	54	68	49	57	69	64

3.2.2 GAS/DIESEL OIL

'000 tonnes

Supply	Gas/diesel oil							
	2023				2024			
	V	VI	VII	VIII	V	VI	VII	VIII
Production	102	133	127	137	108	91	134	122
Import	156	132	181	154	208	196	221	214
Export	60	65	93	101	104	99	123	115
Variation of stocks	17	16	10	-18	34	1	33	-21
Available for inland market	181	184	204	208	178	187	199	242

3.2.3 FUEL OIL

'000 tonnes

Supply	Fuel oil							
	2023				2024			
	V	VI	VII	VIII	V	VI	VII	VIII
Production	26	31	31	37	25	24	20	29
Import	1	-	1	-	-	-	-	-
Export	1	16	31	31	28	24	2	28
Variation of stocks	19	9	-	6	-4	-1	17	-
Available for inland market	7	6	1	-	1	1	1	1

3.2.4 OTHER PETROLEUM PRODUCTS

'000 tonnes

Supply	Other petroleum products							
	2023				2024			
	V	VI	VII	VIII	V	VI	VII	VIII
Production	52	65	89	96	74	81	87	70
Import	77	30	30	25	40	35	35	21
Export	8	38	34	50	30	36	35	18
Variation of stocks	36	-1	1	-21	4	-16	3	-4
Available for inland market	85	58	84	92	80	96	84	77

4 CRUDE FUELS

4.1 HARD COAL

'000 tonnes

Supply	Hard coal							
	2023				2024			
	V	VI	VII	VIII	V	VI	VII	VIII
Production	-	-	-	-	-	-	-	-
Import	5	10	146	7	-	-	-	-
Export	-	-	-	-	-	-	-	-
Variation of stocks	-4	-47	93	-56	-7	-7	-47	-57
Available for inland market	9	57	53	63	7	7	47	57

4.2 COKE

'000 tonnes

Supply	Coke							
	2023				2024			
	V	VI	VII	VIII	V	VI	VII	VIII
Production	-	-	-	-	-	-	-	-
Import	4	2	2	2	3	1	2	2
Export	-	-	-	-	-	-	-	-
Variation of stocks	-	-	-	-	-	-	-	-
Available for inland market	4	2	2	2	3	1	2	2

4.3 BROWN COAL

'000 tonnes

Supply	Brown coal							
	2023				2024			
	V	VI	VII	VIII	V	VI	VII	VIII
Production	-	-	-	-	-	-	-	-
Import	-	-	-	1	-	-	-	-
Export	-	-	-	-	-	-	-	-
Variation of stocks	-	-	-	-	-	-	-	-
Available for inland market	-	-	-	1	-	-	-	-

NOTES ON METHODOLOGY

Data are based on several statistical surveys as follows: the Monthly Survey on Industrial Production and Persons Employed (IND-1/KPS/M form), the Monthly Survey on Oil Refineries (ERG-1/N form), the Monthly Survey on Import, Export and Stocks of Petroleum and Petroleum Products (ERG-2/N form), the Monthly Survey on Import, Export, Stocks and Deliveries of Natural Gas (ERG-1/P form), the Monthly Survey on Import, Export, Stocks, Deliveries and Consumption of Coal and Coke (ERG-1/U form), and the Monthly

Survey on Electricity Power Plants (ERG-1/EL form) as well as on the data on foreign trade in goods of the Republic of Croatia and administrative data sources (part of the data on net electricity production was taken from HERA and HROTE).

The monthly data are used for monitoring the changes in energy products according to the mentioned characteristics. Their sum for 12 months does not represent the annual balance data, due to the fast output of monthly data or to the fact that some deliveries are cancelled, which may lead to slight deviations from the monthly data. For that reason, the following sources of annual data are recommended: the annual Statistical Report entitled "Energy Statistics" published by the Croatian Bureau of Statistics and the annual energy review entitled "Energy in Croatia" published by the Ministry of Economy and Sustainable Development.

Gross electricity production is the sum of the total electrical energy production by all the generating sets concerned (hydro power plants, thermal power plants and CHP on fossil fuels, thermal power plants and CHP on renewable fuels, wind power plants and solar power plants).

Net electricity production is the electrical energy supplied from a power station to a power-supply grid and it represents the difference between the electrical energy produced in a generator and own supply.

Geothermal power plants produce energy available as heat emitted from within the Earth's crust, usually in the form of hot water or steam; excluding the surrounding heat collected by the heat pumps from the ground. This energy production is the difference between the enthalpy of the fluid produced in the production borehole and that of the fluid eventually disposed of.

Energy available for consumption is the quantity of energy products available for final consumption on the inland market, including losses and stocks at final consumers' and in retail trade.

Crude oil is a mineral oil of natural origin that includes a mixture of hydrocarbons and associated impurities, such as sulphur. It exists in the liquid phase under normal surface temperature and pressure and its physical characteristics (density, viscosity, etc.) are highly variable. This category includes field or lease condensates recovered from associated and non-associated gases where it is commingled with the commercial crude oil stream.

Natural gas is comprised of gases, occurring naturally in underground deposits, whether liquefied or gaseous, consisting mainly of methane. It includes both "non-associated" gas originating from fields producing hydrocarbons only in gaseous form, and "associated" gas produced in association with crude oil as well as methane recovered from coal mines (colliery gas). Manufactured gas (produced from municipal or industrial waste or sewage) is also included, while vented or flared quantities of natural gas are excluded.

Petroleum products are all products produced in petroleum refineries: refinery gas, liquefied petroleum gas, motor gasoline, kerosene, jet fuel, diesel oil, light fuel oil, fuel oil, naphtha, white spirit, lubricating oils, bitumen, paraffin waxes, petroleum coke and other refinery products.

Other petroleum products encompass liquefied petroleum gas in NGL plants.

Import includes the quantities of energy products that crossed the state border of the Republic of Croatia, regardless of whether or not they were cleared through the customs. The quantities of petroleum and petroleum products and liquid gas that are under contracts on production realised abroad are also to be presented in this table as import. Energy products in transit through the Republic of Croatia are not presented in this survey form either as import or as export.

Export includes the quantities that crossed the state border of the Republic of Croatia, regardless of whether or not they were cleared through the customs and whether or not they are owned by a Croatian resident.

For import and export of electricity, a Eurostat definition is used which includes transit: amounts of electricity are considered imported or exported when they have crossed the political boundaries of a country, regardless of whether customs clearance has taken place or not. If electricity transits through a country, the amount should be reported as both import and export.

Variation of stocks includes stock changes at the beginning and at the end of a month in enterprises engaged in the production, transformation, import and export of energy. The difference is calculated by subtracting the state of stocks at the beginning of the first working day in a month from the state of stocks at the end of the last day in the same month.

Minor deviations may occur in the summary presentation of data due to the rounding of figures.

Abbreviations

CHP	combined heat and power generation
Eurostat	Statistical Office of the European Union
GCV	gross calorific value
GWh	gigawatt hour
HERA	Croatian Energy Regulatory Agency
HROTE	Croatian Energy Market Operator Ltd.
m ³	cubic metre
mln	million
NGL	natural gas liquids
TJ	terajoule
'000	thousand

Symbols

- no occurrence

Published by the Croatian Bureau of Statistics, Zagreb, Ilica 3, P. O. B. 80

Phone: (+385 1) 48 06 111
Press corner: press@dzs.hr

Persons responsible:
Edita Omerzo, Director of Spatial Statistics Directorate
Lidija Brković, Director General

Prepared by:
Darko Jukić, Ana Grabić, Mirjana Petanjek and Željka Oršanić Kelebuš

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Customer Relations and Data Protection Department

Information and user requests
Phone: (+385 1) 48 06 138, 48 06 154, 48 06 115
E-mail: stat.info@dzs.hr

Subscription
Phone: (+385 1) 21 00 455
E-mail: prodaja@dzs.hr