



SHORT-TERM INDICATORS OF ENERGY STATISTICS, JUNE 2024, FIRST RESULTS

In June 2024, electricity available for the inland market amounted to 1 508 GWh. The availability of electricity for domestic consumption increased by 8.3% compared to May 2024 and by 4.9% compared to June 2023.

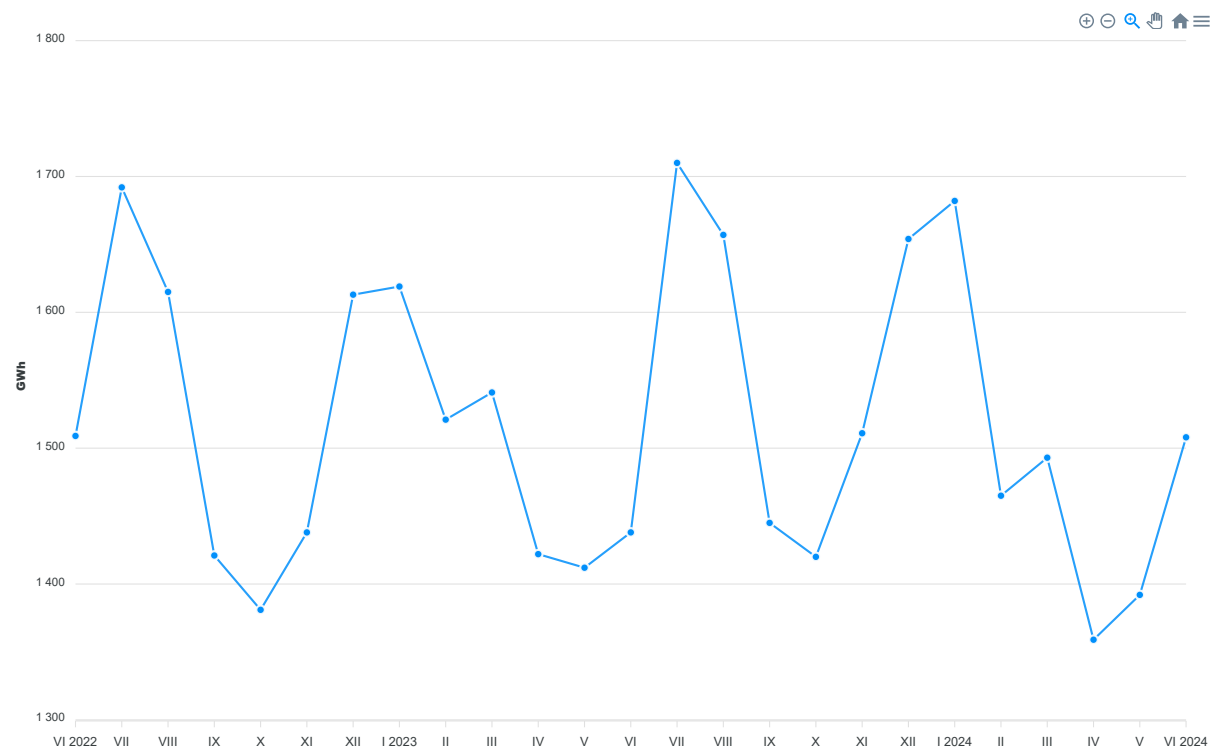
The amount of natural gas available for consumption in June 2024 was 4 067 TJ, while the stocks increased by 2 814 TJ. The amount of natural gas available for domestic consumption in June 2024 decreased by 21.3% compared to May 2024 and by 23.6% compared to June 2023.

The amount of petroleum products available for consumption in June 2024 was 341 thousand tonnes, while the stocks decreased by 18 thousand tonnes. The amount of petroleum products available for domestic consumption in June 2024 increased by 10.7% compared to May 2024 and by 14.4% compared to June 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.

G-1 ELECTRICITY AVAILABLE FOR INLAND MARKET, JUNE 2022 - JUNE 2024



1 ELECTRICITY

GWh

Supply	Electricity							
	2023				2024			
	III	IV	V	VI	III	IV	V	VI
Total gross production	1 718	1 347	1 534	1 319	1 473	1 126	1 017	956
Hydro power plants	847	589	925	658	785	556	464	533
Thermal power plants and CHP on fossil fuels	547	420	260	388	320	228	298	161
Thermal power plants and CHP on renewable fuels	91	86	85	80	80	79	81	78
Wind power plants	207	224	238	156	250	204	187	113
Solar power plants	21	24	23	37	39	59	67	71
Geothermal power plants	5	4	2	-	-	-	-	-
Total net production	1 682	1 318	1 522	1 285	1 457	1 109	1 001	943
Hydro power plants	844	586	923	657	782	554	461	531
Thermal power plants and CHP on fossil fuels	520	402	258	365	310	221	211	157
Thermal power plants and CHP on renewable fuels	88	79	80	71	78	73	75	72
Wind power plants	206	223	237	155	248	203	186	112
Solar power plants	21	24	23	37	39	59	67	71
Geothermal power plants	4	3	2	-	-	-	-	-
Import	832	763	677	838	828	885	1 011	1 362
Export	968	652	786	679	785	596	590	773
Energy absorbed by storage pumping	5	7	1	6	7	39	30	24
Available for inland market	1 541	1 422	1 412	1 438	1 493	1 359	1 392	1 508

2 NATURAL GAS

Supply	Unit of measure	Natural gas							
		2023				2024			
		III	IV	V	VI	III	IV	V	VI
Production	mIn m ³	62	60	61	57	57	56	58	55
	TJ (GCV)	2 487	2 378	2 409	2 278	2 268	2 233	2 289	2 179
Import	mIn m ³	205	282	184	282	268	186	171	176
	TJ (GCV)	8 010	11 342	7 476	11 384	10 502	7 302	6 795	7 020
Export	mIn m ³	85	105	85	127	105	104	74	60
	TJ (GCV)	3 301	4 183	3 432	5 014	4 026	3 997	2 830	2 318
Variation of stocks	mIn m ³	-63	29	1	85	12	-19	26	71
	TJ (GCV)	-2 542	1 288	25	3 326	557	-912	1 088	2 814
Available for inland market	mIn m ³	245	208	158	127	208	157	129	100
	TJ (GCV)	9 738	8 249	6 428	5 322	8 187	6 450	5 165	4 067

3 HYDROCARBONS

3.1 CRUDE OIL

'000 tonnes

Supply	Crude oil							
	2023				2024			
	III	IV	V	VI	III	IV	V	VI
Production	45	43	43	43	42	40	43	40
Import	-	106	180	180	89	179	89	235
Export	56	56	52	-	59	-	-	-
Variation of stocks	-26	91	-26	-3	69	197	-32	70
Refinery input	15	2	197	226	3	22	164	205

3.2 PETROLEUM PRODUCTS - TOTAL

'000 tonnes

Supply	Petroleum products							
	2023				2024			
	III	IV	V	VI	III	IV	V	VI
Production	23	9	239	299	7	42	245	266
Import	259	354	244	169	399	347	293	239
Export	96	75	86	160	136	131	183	182
Variation of stocks	-78	2	83	10	9	-10	47	-18
Available for inland market	264	286	314	298	261	268	308	341

3.2.1 MOTOR GASOLINE

'000 tonnes

Supply	Motor gasoline							
	2023				2024			
	III	IV	V	VI	III	IV	V	VI
Production	1	1	59	70	-	-	38	70
Import	40	37	10	7	43	33	45	8
Export	7	8	17	41	7	9	21	23
Variation of stocks	-1	-14	11	-14	2	-23	13	-2
Available for inland market	35	44	41	50	34	47	49	57

3.2.2 GAS/DIESEL OIL

'000 tonnes

Supply	Gas/diesel oil							
	2023				2024			
	III	IV	V	VI	III	IV	V	VI
Production	-	-	102	133	-	24	108	91
Import	180	266	156	132	321	256	208	196
Export	68	62	60	65	115	117	104	99
Variation of stocks	-71	26	17	16	18	-15	34	1
Available for inland market	183	178	181	184	188	178	178	187

3.2.3 FUEL OIL

'000 tonnes

Supply	Fuel oil							
	2023				2024			
	III	IV	V	VI	III	IV	V	VI
Production	19	5	26	31	1	7	25	24
Import	1	1	1	-	-	1	-	-
Export	17	1	1	16	2	2	28	24
Variation of stocks	-4	-1	19	9	-1	5	-4	-1
Available for inland market	7	6	7	6	-	1	1	1

3.2.4 OTHER PETROLEUM PRODUCTS

'000 tonnes

Supply	Other petroleum products							
	2023				2024			
	III	IV	V	VI	III	IV	V	VI
Production	3	3	52	65	6	11	74	81
Import	38	50	77	30	35	57	40	35
Export	4	4	8	38	12	3	30	36
Variation of stocks	-2	-9	36	-1	-10	23	4	-16
Available for inland market	39	58	85	58	39	42	80	96

4 CRUDE FUELS

4.1 HARD COAL

'000 tonnes

Supply	Hard coal							
	2023				2024			
	III	IV	V	VI	III	IV	V	VI
Production	-	-	-	-	-	-	-	-
Import	71	-	5	10	62	7	-	-
Export	-	-	-	-	-	-	-	-
Variation of stocks	15	-21	-4	-47	58	1	-7	-7
Available for inland market	56	21	9	57	4	6	7	7

4.2 COKE

'000 tonnes

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

4.3 BROWN COAL

'000 tonnes

Supply	Brown coal							
	2023				2024			
	III	IV	V	VI	III	IV	V	VI
Production	-	-	-	-	-	-	-	-
Import	-	-	-	-	-	-	-	-
Export	-	-	-	-	-	-	-	-
Variation of stocks	-	-	-	-	-	-	-	-
Available for inland market	-	-	-	-	-	-	-	-

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

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