



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

In July 2024, electricity available for the inland market amounted to 1 879 GWh. The availability of electricity for domestic consumption increased by 24.6% compared to June 2024 and by 9.9% compared to July 2023.

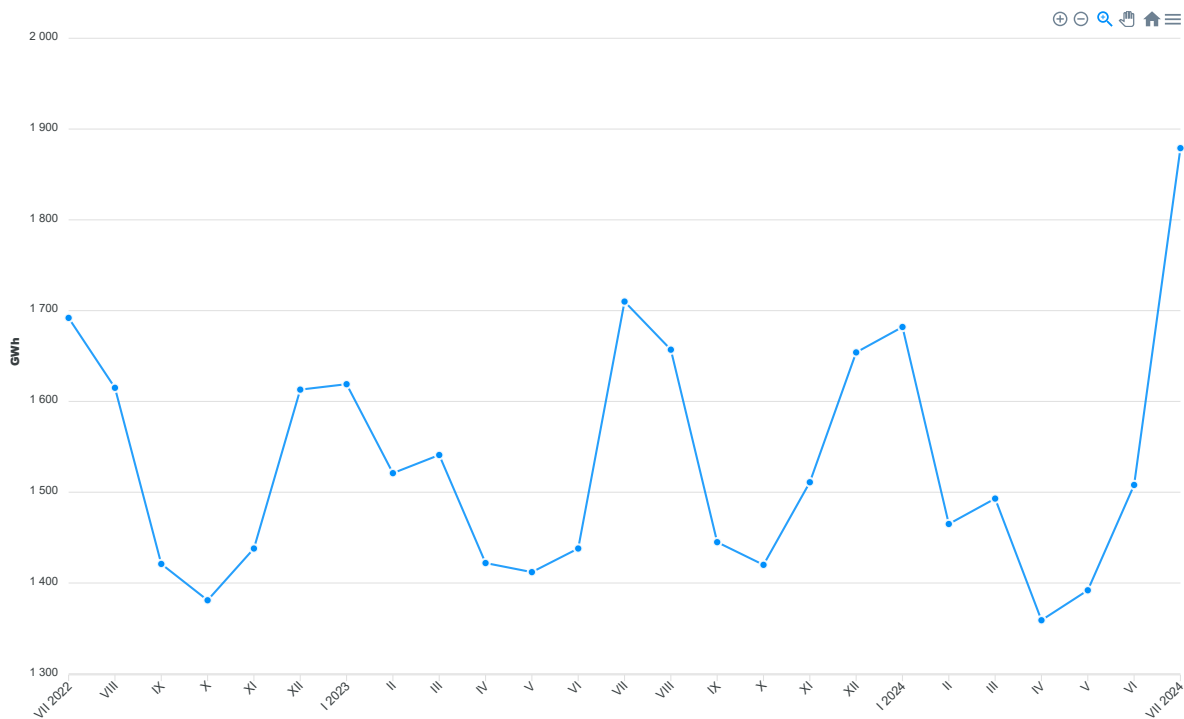
The amount of natural gas available for consumption in July 2024 was 4 870 TJ, while the stocks increased by 4 356 TJ. The amount of natural gas available for domestic consumption in July 2024 increased by 19.7% compared to June 2024 and decreased by 26.3% compared to July 2023.

The amount of petroleum products available for consumption in July 2024 was 353 thousand tonnes, while the stocks increased by 57 thousand tonnes. The amount of petroleum products available for domestic consumption in July 2024 increased by 3.5% compared to June 2024 and by 2.9% compared to July 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, JULY 2022 – JULY 2024



1 ELECTRICITY

GWh

Supply	Electricity							
	2023				2024			
	IV	V	VI	VII	IV	V	VI	VII
Total gross production	1 347	1 534	1 319	1 280	1 126	1 017	956	1 230
Hydro power plants	589	925	658	562	556	464	533	482
Thermal power plants and CHP on fossil fuels	420	260	388	489	228	298	161	402
Thermal power plants and CHP on renewable fuels	86	85	80	70	79	81	78	71
Wind power plants	224	238	156	116	204	187	113	192
Solar power plants	24	23	37	43	59	67	71	83
Geothermal power plants	4	2	-	-	-	-	-	-
Total net production	1 318	1 522	1 285	1 250	1 109	1 001	943	1 203
Hydro power plants	586	923	657	560	554	461	531	480
Thermal power plants and CHP on fossil fuels	402	258	365	466	221	211	157	382
Thermal power plants and CHP on renewable fuels	79	80	71	66	73	75	72	66
Wind power plants	223	237	155	115	203	186	112	191
Solar power plants	24	23	37	43	59	67	71	83
Geothermal power plants	3	2	-	-	-	-	-	-
Import	763	677	838	947	885	1 011	1 362	1 525
Export	652	786	679	487	596	590	773	816
Energy absorbed by storage pumping	7	1	6	-	39	30	24	32
Available for inland market	1 422	1 412	1 438	1 710	1 359	1 392	1 508	1 879

2 NATURAL GAS

Supply	Unit of measure	Natural gas							
		2023				2024			
		IV	V	VI	VII	IV	V	VI	VII
Production	mIn m ³	60	61	57	62	56	58	55	55
	TJ (GCV)	2 378	2 409	2 278	2 468	2 233	2 289	2 179	2 192
Import	mIn m ³	282	184	282	204	186	171	176	255
	TJ (GCV)	11 342	7 476	11 384	8 045	7 302	6 795	7 020	10 016
Export	mIn m ³	105	85	127	121	104	74	60	77
	TJ (GCV)	4 183	3 432	5 014	4 738	3 997	2 830	2 318	2 982
Variation of stocks	mIn m ³	29	1	85	-28	-19	26	71	109
	TJ (GCV)	1 288	25	3 326	-829	-912	1 088	2 814	4 356
Available for inland market	mIn m ³	208	158	127	174	157	129	100	124
	TJ (GCV)	8 249	6 428	5 322	6 604	6 450	5 165	4 067	4 870

3 HYDROCARBONS

3.1 CRUDE OIL

'000 tonnes

Supply	Crude oil							
	2023				2024			
	IV	V	VI	VII	IV	V	VI	VII
Production	43	43	43	44	40	43	40	43
Import	106	180	180	187	179	89	235	173
Export	56	52	-	-	-	-	-	-
Variation of stocks	91	-26	-3	-28	197	-32	70	-69
Refinery input	2	197	226	259	22	164	205	285

3.2 PETROLEUM PRODUCTS - TOTAL

'000 tonnes

Supply	Petroleum products							
	2023				2024			
	IV	V	VI	VII	IV	V	VI	VII
Production	9	239	299	324	42	245	266	322
Import	354	244	169	222	347	293	239	278
Export	75	86	160	169	131	183	182	190
Variation of stocks	2	83	10	34	-10	47	-18	57
Available for inland market	286	314	298	343	268	308	341	353

3.2.1 MOTOR GASOLINE

'000 tonnes

Supply	Motor gasoline							
	2023				2024			
	IV	V	VI	VII	IV	V	VI	VII
Production	1	59	70	77	-	38	70	81
Import	37	10	7	10	33	45	8	22
Export	8	17	41	11	9	21	23	30
Variation of stocks	-14	11	-14	23	-23	13	-2	4
Available for inland market	44	41	50	54	47	49	57	69

3.2.2 GAS/DIESEL OIL

'000 tonnes

Supply	Gas/diesel oil							
	2023				2024			
	IV	V	VI	VII	IV	V	VI	VII
Production	-	102	133	127	24	108	91	134
Import	266	156	132	181	256	208	196	221
Export	62	60	65	93	117	104	99	123
Variation of stocks	26	17	16	10	-15	34	1	33
Available for inland market	178	181	184	204	178	178	187	199

3.2.3 FUEL OIL

'000 tonnes

Supply	Fuel oil							
	2023				2024			
	IV	V	VI	VII	IV	V	VI	VII
Production	5	26	31	31	7	25	24	20
Import	1	1	-	1	1	-	-	-
Export	1	1	16	31	2	28	24	2
Variation of stocks	-1	19	9	-	5	-4	-1	17
Available for inland market	6	7	6	1	1	1	1	1

3.2.4 OTHER PETROLEUM PRODUCTS

'000 tonnes

Supply	Other petroleum products							
	2023				2024			
	IV	V	VI	VII	IV	V	VI	VII
Production	3	52	65	89	11	74	81	87
Import	50	77	30	30	57	40	35	35
Export	4	8	38	34	3	30	36	35
Variation of stocks	-9	36	-1	1	23	4	-16	3
Available for inland market	58	85	58	84	42	80	96	84

4 CRUDE FUELS

4.1 HARD COAL

'000 tonnes

Supply	Hard coal							
	2023				2024			
	IV	V	VI	VII	IV	V	VI	VII
Production	-	-	-	-	-	-	-	-
Import	-	5	10	146	7	-	-	-
Export	-	-	-	-	-	-	-	-
Variation of stocks	-21	-4	-47	93	1	-7	-7	-47
Available for inland market	21	9	57	53	6	7	7	47

4.2 COKE

'000 tonnes

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

4.3 BROWN COAL

'000 tonnes

Supply	Brown coal							
	2023				2024			
	IV	V	VI	VII	IV	V	VI	VII
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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