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

In April 2024, electricity available for the inland market amounted to 1 359 GWh. The availability of electricity for domestic consumption decreased by 9.0% compared to March 2024 and by 4.4% compared to April 2023.

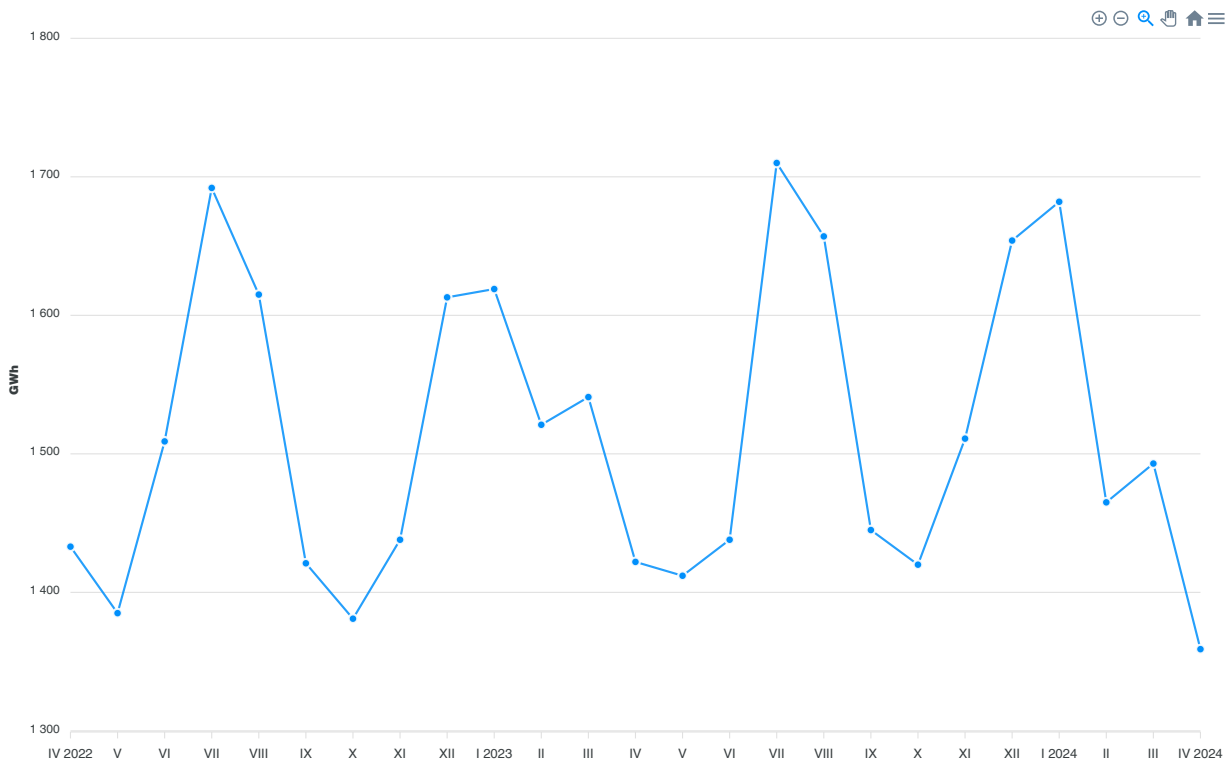
The amount of natural gas available for consumption in April 2024 was 6 450 TJ, while the stocks decreased by 912 TJ. The amount of natural gas available for domestic consumption in April 2024 decreased by 21.2% compared to March 2024 and by 21.8% compared to April 2023.

The amount of petroleum products available for consumption in April 2024 was 268 thousand tonnes, while the stocks decreased by 10 thousand tonnes. The amount of petroleum products available for domestic consumption in April 2024 increased by 2.7% compared to March 2024, while it decreased by 6.3% compared to April 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, APRIL 2022 - APRIL 2024



1 ELECTRICITY

GWh

Supply	Electricity							
	2023				2024			
	I	II	III	IV	I	II	III	IV
Total gross production	1 671	1 441	1 718	1 347	1 537	1 288	1 473	1 126
Hydro power plants	856	615	847	589	800	672	785	556
Thermal power plants and CHP on fossil fuels	446	501	547	420	350	316	320	228
Thermal power plants and CHP on renewable fuels	95	85	91	86	82	76	80	79
Wind power plants	260	222	207	224	296	209	250	204
Solar power plants	10	13	21	24	10	14	39	59
Geothermal power plants	5	5	5	4	-	-	-	-
Total net production	1 637	1 406	1 682	1 318	1 519	1 272	1 457	1 109
Hydro power plants	853	613	844	586	797	669	782	554
Thermal power plants and CHP on fossil fuels	423	477	520	402	340	307	310	221
Thermal power plants and CHP on renewable fuels	88	79	88	79	78	73	78	73
Wind power plants	259	221	206	223	294	208	248	203
Solar power plants	10	13	21	24	10	14	39	59
Geothermal power plants	4	4	4	3	-	-	-	-
Import	920	813	832	763	890	884	828	885
Export	911	685	968	652	707	678	785	596
Energy absorbed by storage pumping	27	13	5	7	20	13	7	39
Available for inland market	1 619	1 521	1 541	1 422	1 682	1 465	1 493	1 359

2 NATURAL GAS

Supply	Unit of measure	Natural gas							
		2023				2024			
		I	II	III	IV	I	II	III	IV
Production	mIn m ³	61	56	62	60	57	53	57	56
	TJ (GCV)	2 446	2 236	2 487	2 378	2 262	2 115	2 268	2 233
Import	mIn m ³	176	256	205	282	225	176	268	186
	TJ (GCV)	6 982	9 992	8 010	11 342	8 852	6 881	10 502	7 302
Export	mIn m ³	37	43	85	105	82	87	105	104
	TJ (GCV)	1 428	1 657	3 301	4 183	3 187	3 338	4 026	3 997
Variation of stocks	mIn m ³	-68	2	-63	29	-78	-79	12	-19
	TJ (GCV)	-2 723	154	-2 542	1 288	-3 020	-3 160	557	-912
Available for inland market	mIn m ³	269	267	245	208	278	222	208	157
	TJ (GCV)	10 723	10 416	9 738	8 249	10 948	8 818	8 187	6 450

3 HYDROCARBONS

3.1 CRUDE OIL

'000 tonnes

Supply	Crude oil							
	2023				2024			
	I	II	III	IV	I	II	III	IV
Production	45	41	45	43	42	39	42	40
Import	-	-	-	106	-	34	89	179
Export	-	-	56	56	-	-	59	-
Variation of stocks	44	36	-26	91	31	59	69	197
Refinery input	1	5	15	2	11	14	3	22

3.2 PETROLEUM PRODUCTS - TOTAL

'000 tonnes

Supply	Petroleum products							
	2023				2024			
	I	II	III	IV	I	II	III	IV
Production	11	14	23	9	21	23	7	42
Import	266	304	259	354	334	320	399	347
Export	72	78	96	75	99	145	136	131
Variation of stocks	3	17	-78	2	23	-14	9	-10
Available for inland market	202	223	264	286	233	212	261	268

3.2.1 MOTOR GASOLINE

'000 tonnes

Supply	Motor gasoline							
	2023				2024			
	I	II	III	IV	I	II	III	IV
Production	4	3	1	1	15	4	-	-
Import	35	36	40	37	50	45	43	33
Export	5	6	7	8	7	36	7	9
Variation of stocks	3	4	-1	-14	24	-20	2	-23
Available for inland market	30	29	35	44	34	33	34	47

3.2.2 GAS/DIESEL OIL

'000 tonnes

Supply	Gas/diesel oil							
	2023				2024			
	I	II	III	IV	I	II	III	IV
Production	1	-	-	-	-	-	-	24
Import	201	231	80	266	256	248	321	256
Export	59	66	68	62	86	91	115	117
Variation of stocks	4	6	-71	26	10	9	18	-15
Available for inland market	139	159	183	178	160	148	188	178

3.2.3 FUEL OIL

'000 tonnes

Supply	Fuel oil							
	2023				2024			
	I	II	III	IV	I	II	III	IV
Production	2	8	19	5	1	11	1	7
Import	1	1	1	1	1	-	-	1
Export	2	2	17	1	2	12	2	2
Variation of stocks	-1	4	-4	-1	-12	-1	-1	5
Available for inland market	3	3	7	6	12	-	-	1

3.2.4 OTHER PETROLEUM PRODUCTS

'000 tonnes

Supply	Other petroleum products							
	2023				2024			
	I	II	III	IV	I	II	III	IV
Production	4	3	3	3	5	8	6	11
Import	29	36	38	50	27	27	35	57
Export	6	4	4	4	4	6	12	3
Variation of stocks	-3	3	-2	-9	1	-2	-10	23
Available for inland market	30	32	39	58	27	31	39	42

4 CRUDE FUELS

4.1 HARD COAL

'000 tonnes

Supply	Hard coal							
	2023				2024			
	I	II	III	IV	I	II	III	IV
Production	-	-	-	-	-	-	-	-
Import	71	73	71	-	-	7	62	7
Export	-	-	-	-	-	-	-	-
Variation of stocks	17	31	15	-21	-7	3	58	1
Available for inland market	54	42	56	21	7	4	4	6

4.2 COKE

'000 tonnes

Supply	Coke							
	2023				2024			
	I	II	III	IV	I	II	III	IV
Production	-	-	-	-	-	-	-	-
Import	1	2	2	2	2	2	2	2
Export	-	-	-	-	-	-	-	-
Variation of stocks	-	-	-	-	-	-	-	-
Available for inland market	1	2	2	2	2	2	2	2

4.3 BROWN COAL

'000 tonnes

Supply	Brown coal								
	2022	2023				2023	2024		
	I	II	III	IV	I	II	III	IV	
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
mIn	million
NGL	natural gas liquids
TJ	terajoule
'000	thousand

Symbols

- no occurrence

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