

First Release

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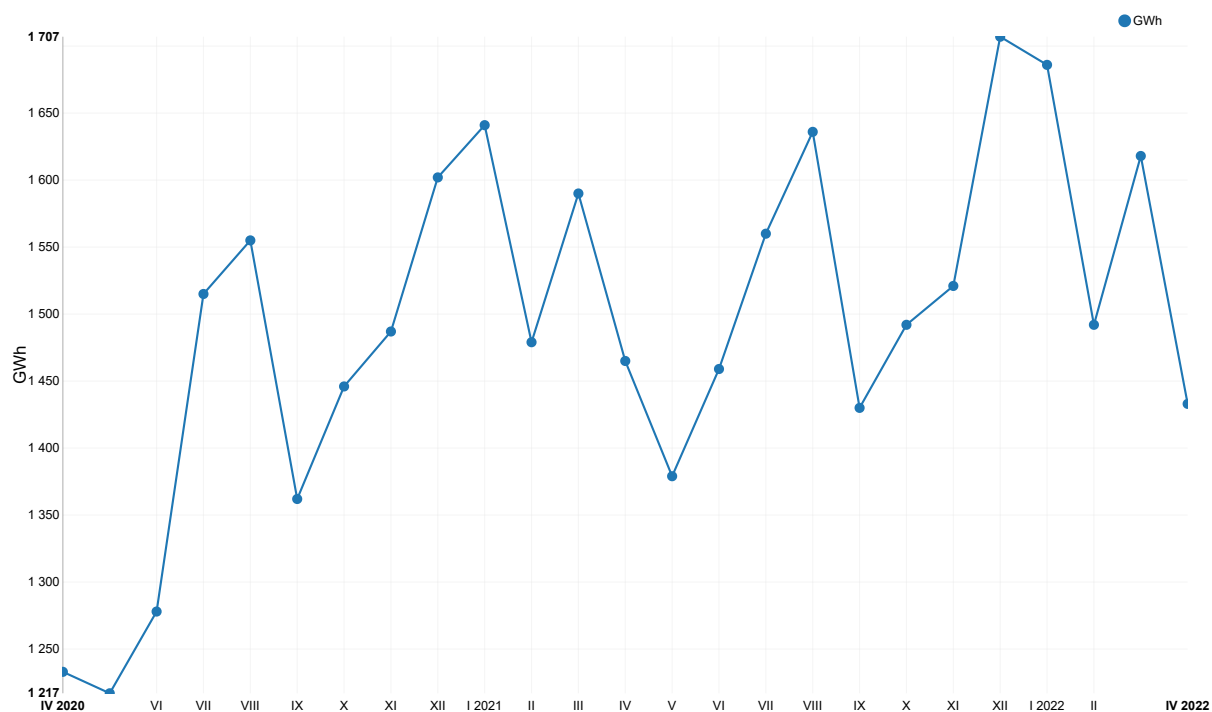


SHORT-TERM INDICATORS OF ENERGY STATISTICS, APRIL 2022, FIRST RESULTS

In April 2022, electricity available for the inland market amounted to 1 433 GWh, including 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 2020-APRIL 2022



1 ELECTRICITY

GWh

Supply	Electricity							
	2021				2022			
	I	II	III	IV	I	II	III	IV
Total gross production	1 828	1 566	1 431	1 101	1 549	1 218	1 221	1 051
Hydro power plants	1 037	935	713	598	760	467	454	447
Thermal power plants and CHP on fossil fuels	466	380	423	227	448	469	396	279
Thermal power plants and CHP on renewable fuels	84	75	82	81	95	86	92	86
Wind power plants	232	165	199	180	235	188	265	224
Solar power plants	2	4	7	7	3	4	7	8
Geothermal power plants	7	7	7	8	8	4	6	8
Total net production	1 786	1 541	1 401	1 083	1 512	1 185	1 189	1 022
Hydro power plants	1 025	933	711	596	753	465	448	439
Thermal power plants and CHP on fossil fuels	443	364	402	219	426	447	377	266
Thermal power plants and CHP on renewable fuels	79	70	77	76	88	79	88	80
Wind power plants	231	164	198	178	234	187	263	222
Solar power plants	2	4	7	7	3	4	7	8
Geothermal power plants	6	6	6	7	7	3	5	7
Import	988	943	900	923	916	872	1 057	970
Export	1 131	1 000	692	529	716	550	614	546
Energy absorbed by storage pumping	2	5	19	12	26	15	14	13
Available for inland market	1 641	1 479	1 590	1 465	1 686	1 492	1 618	1 433

2 NATURAL GAS

Supply	Unit of measure	Natural gas							
		2021				2022			
		I	II	III	IV	I	II	III	IV
Production	mil. m ³	70	63	70	67	61	56	66	61
	TJ (GOM)	2 798	2 523	2 791	2 663	2 410	2 211	2 616	2 424
Import	mil. m ³	180	164	257	233	207	195	211	226
	TJ (GOM)	7 077	6 352	10 567	9 115	8 238	7 794	8 384	9 006
Export	mil. m ³	2	2	2	3	9	31	15	102
	TJ (GOM)	86	75	88	120	342	1 223	581	3 983
Variation of stocks	mil. m ³	-65	-70	3	26	-117	-81	-6	-9
	TJ (GOM)	-2 479	-2 636	13	1 036	-4 430	-3 082	-230	-355
Available for inland market	mil. m ³	313	295	322	271	376	300	268	194
	TJ (GOM)	12 268	11 436	12 957	10 622	14 736	11 864	10 648	7 802

3 HYDROCARBONS

3.1 CRUDE OIL

'000 tonnes

Supply	Crude oil							
	2021				2022			
	I	II	III	IV	I	II	III	IV
Production	48	42	48	46	48	42	47	44
Import	-	182	233	195	-	-	225	90
Export	39	33	40	34	39	20	10	-
Variation of stocks	7	189	61	9	6	19	260	3
Refinery input	2	2	180	198	3	2	2	131

3.2 PETROLEUM PRODUCTS - TOTAL

'000 tonnes

Supply	Petroleum products							
	2021				2022			
	I	II	III	IV	I	II	III	IV
Production	10	16	233	282	10	12	10	186
Import	257	199	159	109	203	289	312	212
Export	61	72	89	151	76	71	72	109
Variation of stocks	32	-58	60	-5	-50	-6	-13	39
Available for inland market	174	201	243	245	187	236	263	250

3.2.1 MOTOR GASOLINE

'000 tonnes

Supply	Motor gasoline							
	2021				2022			
	I	II	III	IV	I	II	III	IV
Production	1	1	40	72	2	3	-	34
Import	31	7	12	16	6	43	21	25
Export	7	6	8	52	7	6	7	15
Variation of stocks	1	-26	14	5	-26	12	-18	8
Available for inland market	24	28	30	31	27	28	32	36

3.2.2 GAS/DIESEL OIL

'000 tonnes

Supply	Gas/diesel oil							
	2021				2022			
	I	II	III	IV	I	II	III	IV
Production	2	1	111	135	1	1	1	90
Import	204	163	114	58	170	207	239	163
Export	44	47	53	52	60	56	56	71
Variation of stocks	38	-24	5	-14	-11	-17	-5	21
Available for inland market	124	141	167	155	122	169	189	161

3.2.3 FUEL OIL

'000 tonnes

Supply	Fuel oil							
	2021				2022			
	I	II	III	IV	I	II	III	IV
Production	2	9	32	31	4	5	4	8
Import	2	2	2	1	2	3	1	0
Export	3	12	3	32	3	4	2	1
Variation of stocks	-1	-2	29	-2	-5	-1	1	6
Available for inland market	2	1	2	2	8	5	2	1

3.2.4 OTHER PETROLEUM PRODUCTS

'000 tonnes

Supply	Other petroleum products							
	2021				2022			
	I	II	III	IV	I	II	III	IV
Production	5	5	50	44	3	3	5	54
Import	20	27	31	34	25	36	51	24
Export	7	7	25	15	6	5	7	22
Variation of stocks	-6	-6	12	6	-8	-	9	4
Available for inland market	24	31	44	57	30	34	40	52

4 CRUDE FUELS

4.1 HARD COAL

'000 tonnes

Supply	Hard coal							
	2021				2022			
	I	II	III	IV	I	II	III	IV
Production	-	-	-	-	-	-	-	-
Import	-	98	49	5	5	94	10	6
Export	-	-	-	-	-	-	-	-
Variation of stocks	-57	37	-22	-7	-57	40	-42	-22
Available for inland market	57	61	71	12	62	54	52	28

4.2 COKE

'000 tonnes

Supply	Coke							
	2021				2022			
	I	II	III	IV	I	II	III	IV
Production	-	-	-	-	-	-	-	-
Import	1	2	2	3	3	1	3	2
Export	-	-	-	-	-	-	-	-
Variation of stocks	-	-	-	-	-	-	-	-
Available for inland market	1	2	2	3	3	1	3	2

4.3 BROWN COAL

'000 tonnes

Supply	Brown coal							
	2021				2022			
	I	II	III	IV	I	II	III	IV
Production	-	-	-	-	-	-	-	-
Import	-	-	-	-	-	1	-	-
Export	-	-	-	-	-	-	-	-
Variation of stocks	-	-	-	-	-1	-	-	-
Available for inland market	-	-	-	-	1	1	-	-

NOTES ON METHODOLOGY

This First Release is prepared on the basis of 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 obtained from the Single Administrative Document on export and import of goods.

The monthly data in this First Release 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 Communities
GCV	gross calorific value
GWh	gigawatt hour
m ³	cubic metre
mln	million
NGL	natural gas liquids
TJ	terajoule
'000	thousand

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 Kelebut

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Customer Relations and Data Protection Department

Information and user requests

Phone: (+385 1) 48 06 138, 48 06 154

E-mail: stat.info@dzs.hr

Subscription

Phone: (+385 1) 48 06 115

E-mail: prodaja@dzs.hr