

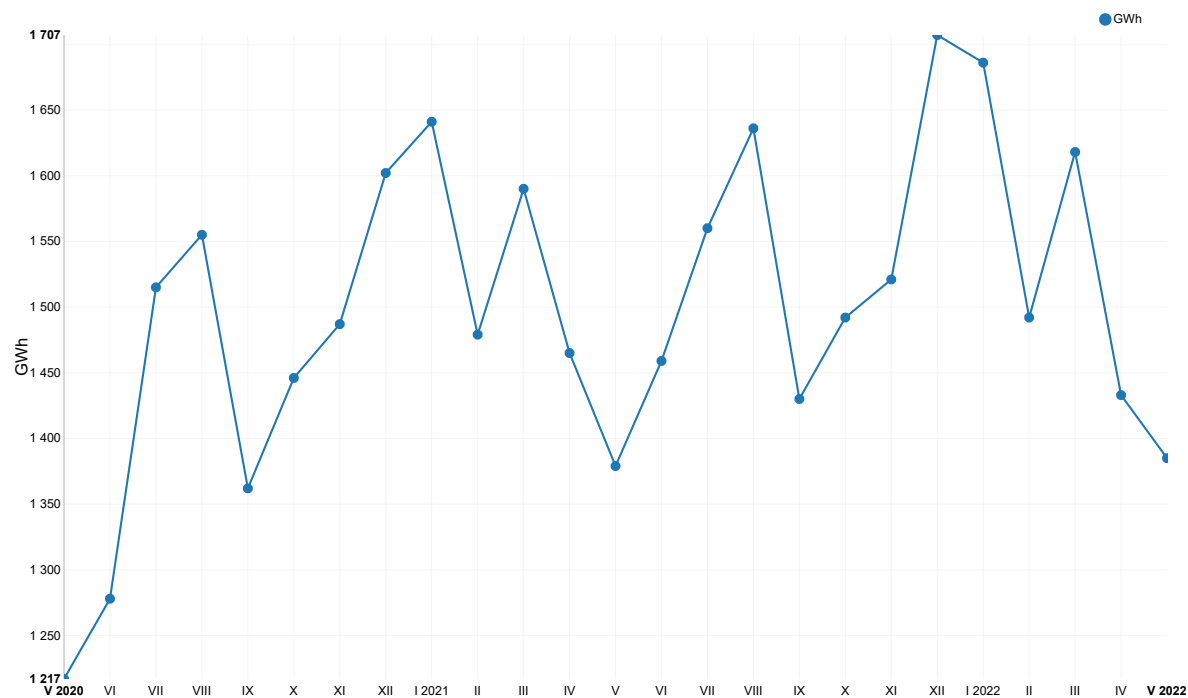


SHORT-TERM INDICATORS OF ENERGY STATISTICS, MAY 2022, FIRST RESULTS

In May 2022, electricity available for the inland market amounted to 1 385 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, MAY 2020-MAY 2022



1 ELECTRICITY

GWh

Supply	Electricity							
	2021				2022			
	II	III	IV	V	II	III	IV	V
Total gross production	1 566	1 431	1 101	1 050	1 218	1 221	1 051	948
Hydro power plants	935	713	598	678	467	454	447	349
Thermal power plants and CHP on fossil fuels	380	423	227	125	469	396	279	372
Thermal power plants and CHP on renewable fuels	75	82	81	84	86	92	86	85
Wind power plants	165	199	180	147	188	265	224	126
Solar power plants	4	7	7	8	4	7	8	9
Geothermal power plants	7	7	8	8	4	6	8	7
Total net production	1 541	1 401	1 083	1 035	1 185	1 189	1 022	914
Hydro power plants	933	711	596	677	465	448	439	346
Thermal power plants and CHP on fossil fuels	364	402	219	122	447	377	266	350
Thermal power plants and CHP on renewable fuels	70	77	76	75	79	88	80	78
Wind power plants	164	198	178	146	187	263	222	125
Solar power plants	4	7	7	8	4	7	8	9
Geothermal power plants	6	6	7	6	3	5	7	6
Import	943	900	923	917	872	1 057	970	976
Export	1 000	692	529	556	550	614	546	492
Energy absorbed by storage pumping	5	19	12	17	15	14	13	13
Available for inland market	1 479	1 590	1 465	1 379	1 492	1 618	1 433	1 385

2 NATURAL GAS

Supply	Unit of measure	Natural gas							
		2021				2022			
		II	III	IV	V	II	III	IV	V
Production	mIn m ³	63	70	67	69	56	66	61	63
	TJ (GCV)	2 523	2 791	2 663	2 736	2 211	2 616	2 424	2 541
Import	mIn m ³	164	257	233	126	195	211	226	238
	TJ (GCV)	6 352	10 567	9 115	4 947	7 794	8 384	9 006	9 497
Export	mIn m ³	2	2	3	8	31	15	102	133
	TJ (GCV)	75	88	120	331	1 223	581	3 983	5 195
Variation of stocks	mIn m ³	-70	3	26	5	-81	-6	-9	37
	TJ (GCV)	-2 636	13	1 036	139	-3 082	-230	-355	1 442
Available for inland market	mIn m ³	295	322	271	182	300	268	194	132
	TJ (GCV)	11 436	12 957	10 622	7 213	11 864	10 648	7 802	5 402

3 HYDROCARBONS

3.1 CRUDE OIL

'000 tonnes

Supply	Crude oil							
	2021				2022			
	II	III	IV	V	II	III	IV	V
Production	42	48	46	47	42	47	44	44
Import	182	233	195	224	-	225	90	186
Export	33	40	34	44	20	10	-	-
Variation of stocks	189	61	9	-24	19	260	3	-11
Refinery input	2	180	198	251	2	2	131	241

3.2 PETROLEUM PRODUCTS - TOTAL

'000 tonnes

Supply	Petroleum products							
	2021				2022			
	II	III	IV	V	II	III	IV	V
Production	16	233	282	332	12	10	186	307
Import	199	159	109	126	289	312	212	187
Export	72	89	151	197	71	72	109	170
Variation of stocks	-58	60	-5	8	-6	-13	39	44
Available for inland market	201	243	245	253	236	263	250	280

3.2.1 MOTOR GASOLINE

'000 tonnes

Supply	Motor gasoline							
	2021				2022			
	II	III	IV	V	II	III	IV	V
Production	1	40	72	78	3	-	34	63
Import	7	12	16	7	43	21	25	16
Export	6	8	52	39	6	7	15	15
Variation of stocks	-26	14	5	8	12	-18	8	25
Available for inland market	28	30	31	38	28	32	36	39

3.2.2 GAS/DIESEL OIL

'000 tonnes

Supply	Gas/diesel oil							
	2021				2022			
	II	III	IV	V	II	III	IV	V
Production	1	111	135	149	1	1	90	131
Import	163	114	58	81	207	239	163	137
Export	47	53	52	61	56	56	71	99
Variation of stocks	-24	5	-14	9	-17	-5	21	3
Available for inland market	141	167	155	160	169	189	161	166

3.2.3 FUEL OIL

'000 tonnes

Supply	Fuel oil							
	2021				2022			
	II	III	IV	V	II	III	IV	V
Production	9	32	31	40	5	4	8	47
Import	2	2	1	1	3	1	-	1
Export	12	3	32	60	4	2	1	32
Variation of stocks	-2	29	-2	-22	-1	1	6	14
Available for inland market	1	2	2	3	5	2	1	2

3.2.4 OTHER PETROLEUM PRODUCTS

'000 tonnes

Supply	Other petroleum products							
	2021				2022			
	II	III	IV	V	II	III	IV	V
Production	5	50	44	65	3	5	54	66
Import	27	31	34	37	36	51	24	33
Export	7	25	15	37	5	7	22	24
Variation of stocks	-6	12	6	13	-	9	4	2
Available for inland market	31	44	57	52	34	40	52	73

4 CRUDE FUELS

4.1 HARD COAL

'000 tonnes

Supply	Hard coal							
	2021				2022			
	II	III	IV	V	II	III	IV	V
Production	-	-	-	-	-	-	-	-
Import	98	49	5	74	94	10	6	141
Export	-	-	-	-	-	-	-	-
Variation of stocks	37	-22	-7	59	40	-42	-22	75
Available for inland market	61	71	12	15	54	52	28	66

4.2 COKE

'000 tonnes

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

4.3 BROWN COAL

'000 tonnes

Supply	Brown coal							
	2021				2022			
	II	III	IV	V	II	III	IV	V
Production	-	-	-	-	-	-	-	-
Import	-	-	-	-	1	-	-	1
Export	-	-	-	-	-	-	-	-
Variation of stocks	-	-	-	-	-	-	-	-
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 on foreign trade in goods of the Republic of Croatia and administrative data sources.

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

Symbols

- no occurrence

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