

First Release

Year: LIX.

Zagreb, 25 August 2022

OEN-2022-2-1/6

ISSN 1334-0557

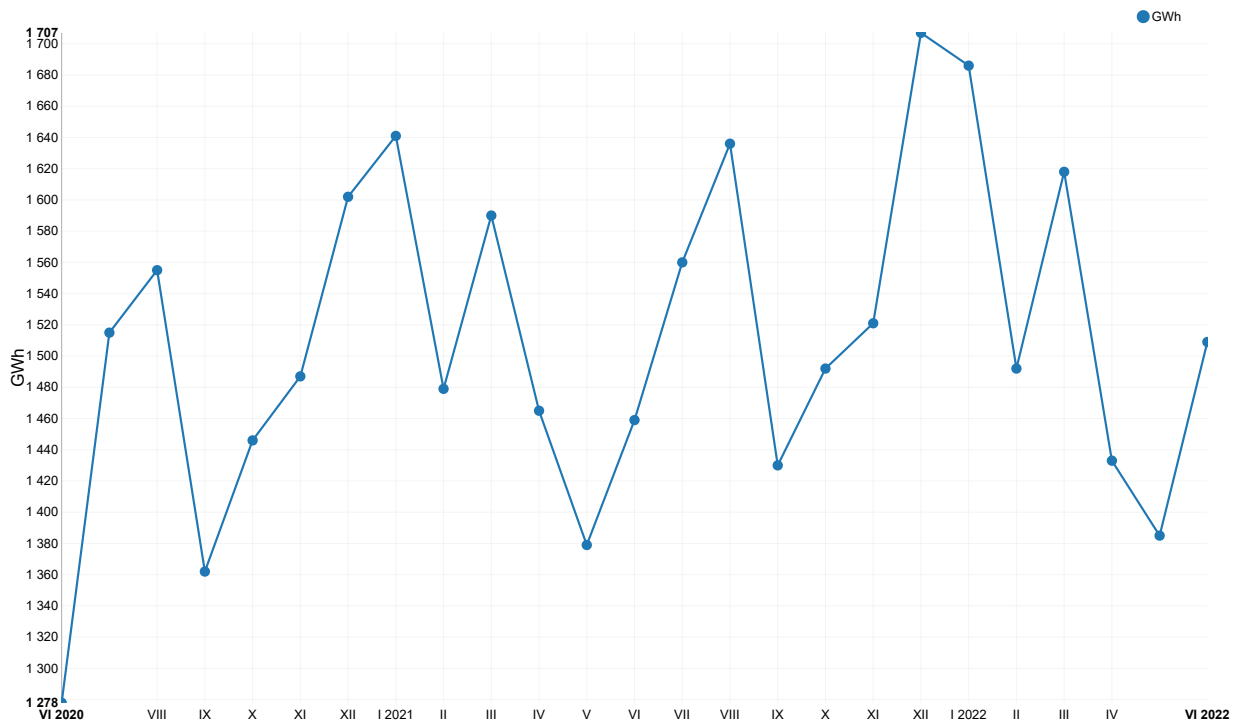


## SHORT-TERM INDICATORS OF ENERGY STATISTICS, JUNE 2022, FIRST RESULTS

In June 2022, electricity available for the inland market amounted to 1 509 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, JUNE 2020-JUNE 2022**



## 1 ELECTRICITY

GWh

Supply	Electricity							
	2021				2022			
	III	IV	V	VI	III	IV	V	VI
Total gross production	1 431	1 101	1 050	906	1 221	1 051	948	1 036
Hydro power plants	713	598	678	427	454	447	349	376
Thermal power plants and CHP on fossil fuels	423	227	125	296	396	279	372	425
Thermal power plants and CHP on renewable fuels	82	81	84	81	92	86	85	81
Wind power plants	199	180	147	87	265	224	126	139
Solar power plants	7	7	8	10	7	8	9	10
Geothermal power plants	7	8	8	5	6	8	7	6
Total net production	1 401	1 083	1 035	880	1 189	1 022	914	1 003
Hydro power plants	711	596	677	426	448	439	346	374
Thermal power plants and CHP on fossil fuels	402	219	122	279	377	266	350	401
Thermal power plants and CHP on renewable fuels	77	76	75	75	88	80	78	76
Wind power plants	198	178	146	86	263	222	125	137
Solar power plants	7	7	8	10	7	8	9	10
Geothermal power plants	6	7	6	4	5	7	6	5
Import	900	923	917	931	1 057	970	976	1 007
Export	692	529	556	337	614	546	492	488
Energy absorbed by storage pumping	19	12	17	15	14	13	13	13
Available for inland market	1 590	1 465	1 379	1 459	1 618	1 433	1 385	1 509

## 2 NATURAL GAS

Supply	Unit of measure	Natural gas							
		2021				2022			
		III	IV	V	VI	III	IV	V	VI
Production	mIn m <sup>3</sup>	70	67	69	63	66	61	63	63
	TJ (GCV)	2 791	2 663	2 736	2 521	2 616	2 424	2 541	2 521
Import	mIn m <sup>3</sup>	257	233	126	186	211	226	238	201
	TJ (GCV)	10 567	9 115	4 947	7 419	8 384	9 006	9 497	8 006
Export	mIn m <sup>3</sup>	2	3	8	16	15	102	133	121
	TJ (GCV)	88	120	331	605	581	3 983	5 195	4 705
Variation of stocks	mIn m <sup>3</sup>	3	26	5	102	-6	-9	37	16
	TJ (GCV)	13	1 036	139	3 742	-230	-355	1 442	569
Available for inland market	mIn m <sup>3</sup>	322	271	182	131	268	194	132	127
	TJ (GCV)	12 957	10 622	7 213	5 593	10 648	7 802	5 402	5 253

## 3 HYDROCARBONS

### 3.1 CRUDE OIL

'000 tonnes

Supply	Crude oil							
	2021				2022			
	III	IV	V	VI	III	IV	V	VI
Production	48	46	47	45	47	44	44	44
Import	233	195	224	330	225	90	186	176
Export	40	34	44	41	10	-	-	-
Variation of stocks	61	9	-24	112	260	3	-11	-49
Refinery input	180	198	251	222	2	131	241	270

### 3.2 PETROLEUM PRODUCTS - TOTAL

'000 tonnes

Supply	Petroleum products							
	2021				2022			
	III	IV	V	VI	III	IV	V	VI
Production	233	282	332	297	10	186	307	336
Import	159	109	126	171	312	212	187	154
Export	89	151	197	195	72	109	170	205
Variation of stocks	60	-5	8	1	-13	39	44	-35
Available for inland market	243	245	253	272	263	250	280	319

#### 3.2.1 MOTOR GASOLINE

'000 tonnes

Supply	Motor gasoline							
	2021				2022			
	III	IV	V	VI	III	IV	V	VI
Production	40	72	78	76	-	34	63	85
Import	12	16	7	6	21	25	16	6
Export	8	52	39	58	7	15	15	72
Variation of stocks	14	5	8	-12	-18	8	25	-27
Available for inland market	30	31	38	36	32	36	39	46

#### 3.2.2 GAS/DIESEL OIL

'000 tonnes

Supply	Gas/diesel oil							
	2021				2022			
	III	IV	V	VI	III	IV	V	VI
Production	111	135	149	140	1	90	131	146
Import	114	58	81	128	239	163	137	99
Export	53	52	61	86	56	71	99	71
Variation of stocks	5	-14	9	7	-5	21	3	-12
Available for inland market	167	155	160	175	189	161	166	185

### 3.2.3 FUEL OIL

'000 tonnes

Supply	Fuel oil							
	2021				2022			
	III	IV	V	VI	III	IV	V	VI
Production	32	31	40	33	4	8	47	36
Import	2	1	1	-	1	-	1	-
Export	3	32	60	32	2	1	32	32
Variation of stocks	29	-2	-22	-	1	6	14	-3
Available for inland market	2	2	3	1	2	1	2	7

### 3.2.4 OTHER PETROLEUM PRODUCTS

'000 tonnes

Supply	Other petroleum products							
	2021				2022			
	III	IV	V	VI	III	IV	V	VI
Production	50	44	65	48	5	54	66	69
Import	31	34	37	37	51	24	33	49
Export	25	15	37	19	7	22	24	30
Variation of stocks	12	6	13	6	9	4	2	7
Available for inland market	44	57	52	60	40	52	73	81

## 4 CRUDE FUELS

### 4.1 HARD COAL

'000 tonnes

Supply	Hard coal							
	2021				2022			
	III	IV	V	VI	III	IV	V	VI
Production	-	-	-	-	-	-	-	-
Import	49	5	74	8	10	6	141	92
Export	-	-	-	-	-	-	-	-
Variation of stocks	-22	-7	59	-57	-42	-22	75	32
Available for inland market	71	12	15	65	52	28	66	60

### 4.2 COKE

'000 tonnes

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

## 4.3 BROWN COAL

'000 tonnes

Supply	Brown coal							
	2021				2022			
	III	IV	V	VI	III	IV	V	VI
Production	-	-	-	-	-	-	-	-
Import	-	-	-	-	-	-	1	-
Export	-	-	-	-	-	-	-	-
Variation of stocks	-	-	-	-	-	-	-	-
Available for inland market	-	-	-	-	-	-	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 <sup>3</sup>	cubic metre
mln	million
NGL	natural gas liquids
TJ	terajoule
'000	thousand

## Symbols

- no occurrence

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