

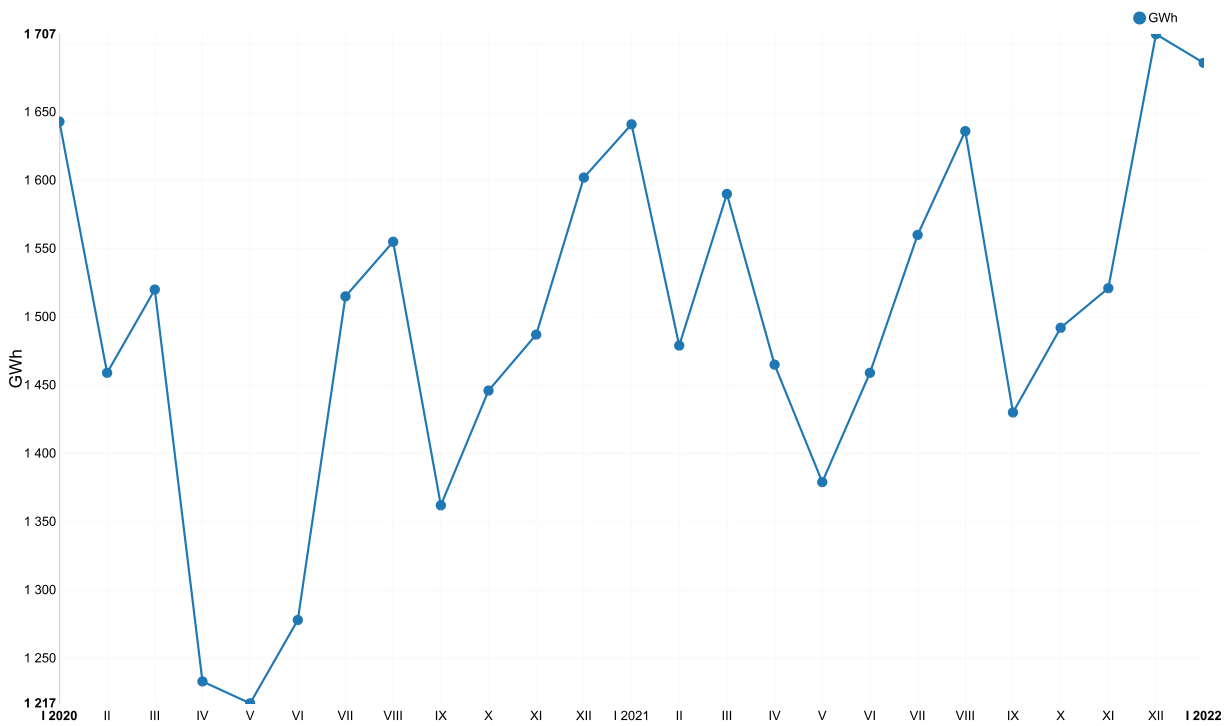


## SHORT-TERM INDICATORS OF ENERGY STATISTICS, JANUARY 2022, FIRST RESULTS

In January 2022, electricity available for the inland market amounted to 1 686 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, JANUARY 2020-JANUARY 2022**



## 1. ELECTRICITY

GWh

Supply	Electricity							
	2020			2021	2021			2022
	X	XI	XII	I	X	XI	XII	I
Total gross production	1.395	1.258	1.757	1.828	1.157	1.388	1.698	1.549
Hydro power plants	717	529	976	1.037	309	565	973	760
Thermal power plants and CHP on fossil fuels	451	491	505	466	512	513	364	448
Thermal power plants and CHP on renewable fuels	82	83	86	84	94	92	97	95
Wind power plants	131	145	186	232	229	208	253	235
Solar power plants	5	2	1	2	5	2	2	3
Geothermal power plants	9	8	3	7	8	8	9	8
Total net production	1.354	1.217	1.725	1.786	1.119	1.354	1.664	1.512
Hydro power plants	714	525	973	1.025	307	563	970	753
Thermal power plants and CHP on fossil fuels	425	464	482	443	487	488	343	426
Thermal power plants and CHP on renewable fuels	75	75	81	79	85	87	88	88
Wind power plants	128	144	185	231	228	206	252	234
Solar power plants	5	2	1	2	5	2	2	3
Geothermal power plants	7	7	3	6	7	7	7	7
Import	841	887	736	988	982	770	968	916
Export	745	602	853	1.131	580	581	916	716
Energy absorbed by storage pumping	4	15	6	2	29	22	9	26
Available for inland market	1.446	1.487	1.602	1.641	1.492	1.521	1.707	1.686

## 2. NATURAL GAS

Supply	Unit of measure	Natural gas							
		2020			2021	2021			2022
		X	XI	XII	I	X	XI	XII	I
Production	mIn m <sup>3</sup>	73	71	69	70	63	60	61	61
	TJ (GCV)	2.921	2.813	2.738	2.798	2.524	2.418	2.446	2.410
Import	mIn m <sup>3</sup>	197	179	205	180	202	193	188	207
	TJ (GCV)	7.619	6.974	7.945	7.077	8.015	7.699	7.497	8.238
Export	mIn m <sup>3</sup>	3	1	2	2	12	6	6	9
	TJ (GCV)	93	50	88	86	439	242	227	342
Variation of stocks	mIn m <sup>3</sup>	-2	-87	-83	-65	14	-67	-85	-117
	TJ (GCV)	-69	-3.293	-3.157	-2.479	668	-2.534	-3.259	-4.430
Available for inland market	mIn m <sup>3</sup>	269	336	355	313	239	314	328	376
	TJ (GCV)	10.516	13.030	13.752	12.268	9.432	12.409	12.975	14.736

## 3. HYDROCARBONS

### 3.1. CRUDE OIL

"000 tonnes

Supply	Crude oil							
	2020			2021	2021			2022
	X	XI	XII	I	X	XI	XII	I
Production	48	47	47	49	47	47	48	48
Import	90	-	-	-	97	-	-	-
Export	20	40	136	39	39	39	63	39
Variation of stocks	-99	-76	-118	7	-121	-13	-45	6
Refinery input	217	83	29	2	226	21	30	3

### 3.2. PETROLEUM PRODUCTS - TOTAL

"000 tonnes

Supply	Petroleum products							
	2020			2021	2021			2022
	X	XI	XII	I	X	XI	XII	I
Production	290	115	41	10	297	34	44	10
Import	152	202	234	257	196	313	312	203
Export	156	142	76	61	174	97	102	76
Variation of stocks	29	-51	-5	32	41	5	25	-50
Available for inland market	257	226	204	174	278	245	229	187

#### 3.2.1. MOTOR GASOLINE

" 000 tonnes

Supply	Motor gasoline							
	2020			2021	2021			2022
	X	XI	XII	I	X	XI	XII	I
Production	75	25	20	1	79	5	13	2
Import	13	9	5	31	4	38	30	6
Export	11	14	8	7	25	8	11	7
Variation of stocks	45	-11	-9	1	24	8	-1	-26
Available for inland market	32	31	26	24	34	27	33	27

#### 3.2.2. GAS/DIESEL OIL

" 000 tonnes

Supply	Gas/diesel oil							
	2020			2021	2021			2022
	X	XI	XII	I	X	XI	XII	I
Production	125	50	12	2	128	10	6	1
Import	96	162	202	204	148	221	235	170
Export	86	66	54	44	77	68	71	60
Variation of stocks	-21	-12	19	38	22	8	34	-11
Available for inland market	156	158	141	124	177	155	136	122

### 3.2.3. FUEL OIL

" 000 tonnes

Supply	Fuel oil							
	2020			2021	2021			2022
	X	XI	XII	I	X	XI	XII	I
Production	35	9	2	2	8	9	21	4
Import	5	3	3	2	2	1	1	2
Export	32	33	5	3	35	6	13	3
Variation of stocks	2	-25	-3	-1	-26	-	6	-5
Available for inland market	6	4	3	2	1	4	3	8

### 3.2.4. OTHER PETROLEUM PRODUCTS

" 000 tonnes

Supply	Other petroleum products							
	2020			2021	2021			2022
	X	XI	XII	I	X	XI	XII	I
Production	55	31	7	5	82	10	4	3
Import	38	28	24	20	42	53	46	25
Export	27	29	9	7	37	15	7	6
Variation of stocks	3	-3	-12	-6	21	-11	-14	-8
Available for inland market	63	33	34	24	66	59	57	30

## 4. CRUDE FUELS

### 4.1. HARD COAL

" 000 tonnes

Supply	Hard coal							
	2020			2021	2021			2022
	X	XI	XII	I	X	XI	XII	I
Production	-	-	-	-	-	-	-	-
Import	72	79	73	-	67	76	73	5
Export	-	-	-	-	-	-	-	-
Variation of stocks	14	12	10	-57	-	9	15	-57
Available for inland market	58	67	63	57	67	67	58	62

### 4.2. COKE

" 000 tonnes

Supply	Koks							
	2020			2021	2021			2022
	X	XI	XII	I	X	XI	XII	I
Production	-	-	-	-	-	-	-	-
Import	3	4	3	1	3	2	3	1
Export	-	-	-	-	-	-	-	-
Variation of stocks	-	-	-	-	-	-	-	-
Available for inland market	3	4	3	1	3	2	3	1

## 4.3. BROWN COAL

" 000 tonnes

Supply	Brown coal							
	2020			2021	2021			2022
	X	XI	XII	I	X	XI	XII	I
Production	-	-	-	-	-	-	-	-
Import	2	2	-	-	1	1	-	-
Export	-	-	-	-	-	-	-	-
Variation of stocks	-4	-4	-2	-	-	-	-1	-1
Available for inland market	6	6	2	-	1	1	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.

#### 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

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