

First Release

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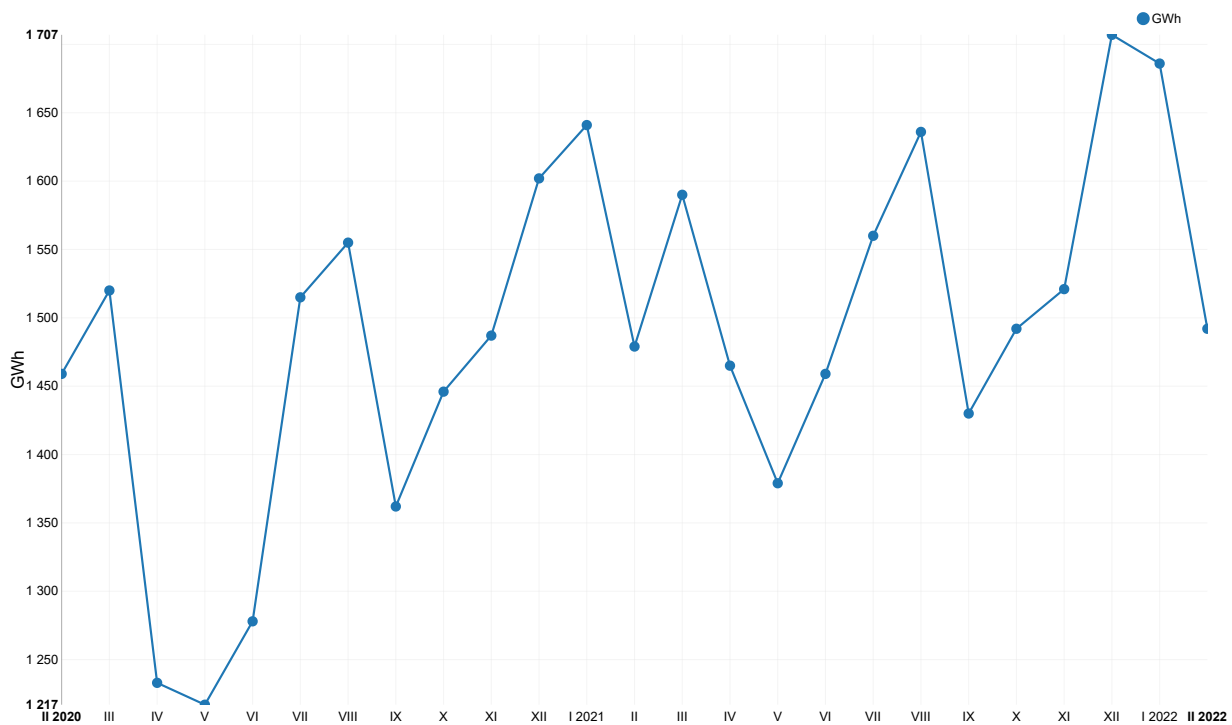


SHORT-TERM INDICATORS OF ENERGY STATISTICS, FEBRUARY 2022, FIRST RESULTS

In February 2022, electricity available for the inland market amounted to 1 492 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, FEBRUARY 2020-FEBRUARY 2022



1 ELECTRICITY

GWh

Supply	Electricity							
	2020		2021		2021		2022	
	XI	XII	I	II	XI	XII	I	II
Total gross production	1.258	1.757	1.828	1.566	1.388	1.698	1.549	1.218
Hydro power plants	529	976	1.037	935	565	973	760	467
Thermal power plants and CHP on fossil fuels	491	505	466	380	513	364	448	469
Thermal power plants and CHP on renewable fuels	83	86	84	75	92	97	95	86
Wind power plants	145	186	232	165	208	253	235	188
Solar power plants	2	1	2	4	2	2	3	4
Geothermal power plants	8	3	7	7	8	9	8	4
Total net production	1.217	1.725	1.786	1.541	1.354	1.664	1.512	1.185
Hydro power plants	525	973	1.025	933	563	970	753	465
Thermal power plants and CHP on fossil fuels	464	482	443	364	488	343	426	447
Thermal power plants and CHP on renewable fuels	75	81	79	70	87	88	88	79
Wind power plants	144	185	231	164	206	252	234	187
Solar power plants	2	1	2	4	2	2	3	4
Geothermal power plants	7	3	6	6	7	7	7	3
Import	887	736	988	943	770	968	916	872
Export	602	853	1.131	1.000	581	916	716	550
Energy absorbed by storage pumping	15	6	2	5	22	9	26	15
Available for inland market	1.487	1.602	1.641	1.479	1.521	1.707	1.686	1.492

2 NATURAL GAS

Supply	Unit of measure	Natural gas							
		2020		2021		2021		2022	
		XI	XII	I	II	XI	XII	I	II
Production	mIn m ³	71	69	70	63	60	61	61	56
	TJ (GCV)	2.813	2.738	2.798	2.523	2.418	2.446	2.410	2.211
Import	mIn m ³	179	205	180	164	193	188	207	195
	TJ (GCV)	6.974	7.945	7.077	6.352	7.699	7.497	8.238	7.794
Export	mIn m ³	1	2	2	2	6	6	9	31
	TJ (GCV)	50	88	86	75	242	227	342	1.223
Variation of stocks	mIn m ³	-87	-83	-65	-70	-67	-85	-117	-81
	TJ (GCV)	-3.293	-3.157	-2.479	-2.636	-2.534	-3.259	-4.430	-3.082
Available for inland market	mIn m ³	336	355	313	295	314	328	376	300
	TJ (GCV)	13.030	13.752	12.268	11.436	12.409	12.975	14.736	11.864

3 HYDROCARBONS

3.1 CRUDE OIL

'000 tonnes

Supply	Crude oil							
	2020		2021		2021		2022	
	XI	XII	I	II	XI	XII	I	II
Production	47	47	48	42	47	48	48	42
Import	-	-	-	182	-	-	-	-
Export	40	136	39	33	39	63	39	20
Variation of stocks	-76	-118	7	189	-13	-45	6	19
Refinery input	83	29	2	2	21	30	3	2

3.2 PETROLEUM PRODUCTS - TOTAL

'000 tonnes

Supply	Petroleum products							
	2020		2021		2021		2022	
	XI	XII	I	II	XI	XII	I	II
Production	115	41	10	16	34	44	10	12
Import	202	234	257	199	313	312	203	289
Export	142	76	61	72	97	102	76	71
Variation of stocks	-51	-5	32	-58	5	25	-50	-6
Available for inland market	226	204	174	201	245	229	187	236

3.2.1 MOTOR GASOLINE

'000 tonnes

Supply	Motor gasoline							
	2020		2021		2021		2022	
	XI	XII	I	II	XI	XII	I	II
Production	25	20	1	1	5	13	2	3
Import	9	5	31	7	38	30	6	43
Export	14	8	7	6	8	11	7	6
Variation of stocks	-11	-9	1	-26	8	-1	-26	12
Available for inland market	31	26	24	28	27	33	27	28

3.2.2 GAS/DIESEL OIL

'000 tonnes

Supply	Gas/diesel oil							
	2020		2021		2021		2022	
	XI	XII	I	II	XI	XII	I	II
Production	50	12	2	1	10	6	1	1
Import	162	202	204	163	221	235	170	207
Export	66	54	44	47	68	71	60	56
Variation of stocks	-12	19	38	-24	8	34	-11	-17
Available for inland market	158	141	124	141	155	136	122	169

3.2.3 FUEL OIL

'000 tonnes

Supply	Fuel oil							
	2020		2021		2021		2022	
	XI	XII	I	II	XI	XII	I	II
Production	9	2	2	9	9	21	4	5
Import	3	3	2	2	1	1	2	3
Export	33	5	3	12	6	13	3	4
Variation of stocks	-25	-3	-1	-2	-	6	-5	-1
Available for inland market	4	3	2	1	4	3	8	5

3.2.4 OTHER PETROLEUM PRODUCTS

'000 tonnes

Supply	Other petroleum products							
	2020		2021		2021		2022	
	XI	XII	I	II	XI	XII	I	II
Production	31	7	5	5	10	4	3	3
Import	28	24	20	27	53	46	25	36
Export	29	9	7	7	15	7	6	5
Variation of stocks	-3	-12	-6	-6	-11	-14	-8	-
Available for inland market	33	34	24	31	59	57	30	34

4 CRUDE FUELS

4.1 HARD COAL

'000 tonnes

Opskrba	Hard coal							
	2020		2021		2021		2022	
	XI	XII	I	II	XI	XII	I	II
Production	-	-	-	-	-	-	-	-
Import	79	73	-	98	76	73	5	94
Export	-	-	-	-	-	-	-	-
Variation of stocks	12	10	-57	37	9	15	-57	40
Available for inland market	67	63	57	61	67	58	62	54

4.2 COKE

'000 tonnes

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

4.3 BROWN COAL

'000 tonnes

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

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

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