

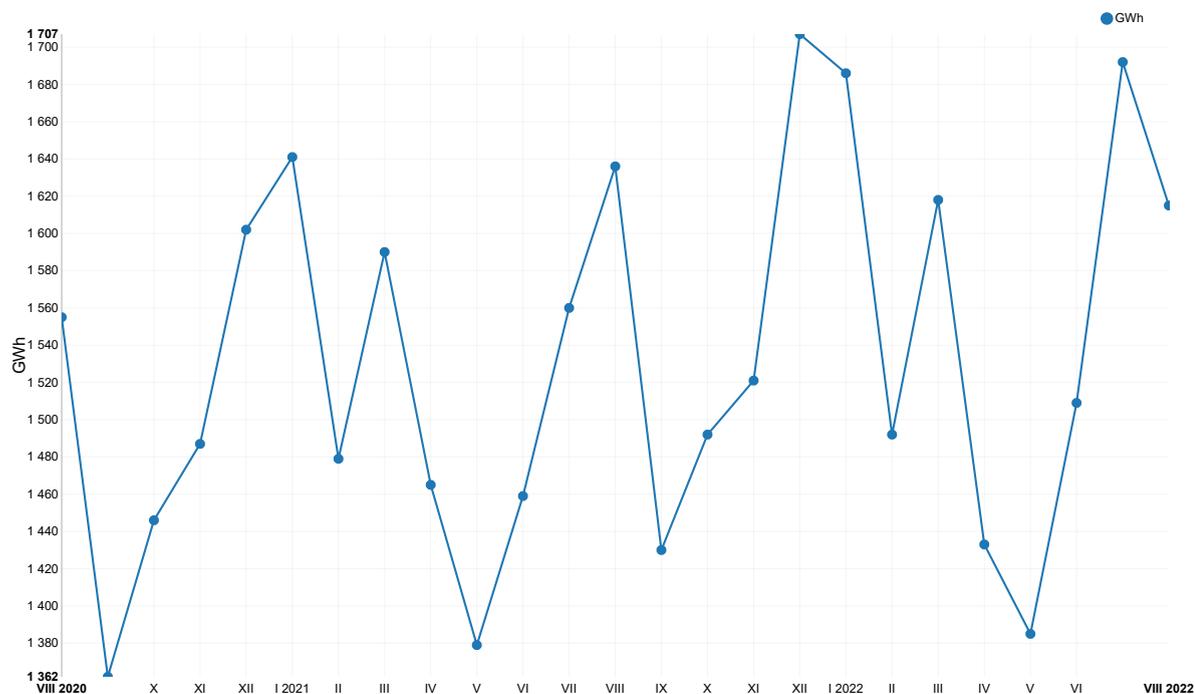


SHORT-TERM INDICATORS OF ENERGY STATISTICS, AUGUST 2022, FIRST RESULTS

In August 2022, electricity available for the inland market amounted to 1 615 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, AUGUST 2020-AUGUST 2022



1 ELECTRICITY

GWh

Supply	Electricity							
	2021				2022			
	V	VI	VII	VIII	V	VI	VII	VIII
Total gross production	1 050	906	1 008	1 028	948	1 036	1 157	1 086
Hydro power plants	678	427	354	367	349	376	338	252
Thermal power plants and CHP on fossil fuels	125	296	426	425	372	425	530	524
Thermal power plants and CHP on renewable fuels	84	81	88	84	85	81	81	87
Wind power plants	147	87	122	135	126	139	192	210
Solar power plants	8	10	10	9	9	10	10	8
Geothermal power plants	8	5	8	8	7	6	6	6
Total net production	1 035	880	977	1 000	914	1 003	1 119	1 047
Hydro power plants	677	426	353	366	346	374	336	251
Thermal power plants and CHP on fossil fuels	122	279	408	405	350	401	504	497
Thermal power plants and CHP on renewable fuels	75	75	80	80	78	76	74	79
Wind power plants	146	86	120	134	125	137	190	208
Solar power plants	8	10	10	9	9	10	10	8
Geothermal power plants	6	4	6	6	6	5	5	5
Import	917	931	931	1 055	976	1 007	1 167	989
Export	556	337	337	409	492	488	582	413
Energy absorbed by storage pumping	17	15	11	10	13	13	12	8
Available for inland market	1 379	1 459	1 560	1 636	1 385	1 509	1 692	1 615

2 NATURAL GAS

Supply	Unit of measure	Natural gas							
		2021				2022			
		V	VI	VII	VIII	V	VI	VII	VIII
Production	mIn m ³	69	63	66	65	63	63	65	65
	TJ (GCV)	2 736	2 521	2 636	2 599	2 541	2 521	2 588	2 576
Import	mIn m ³	126	186	206	196	238	201	254	387
	TJ (GCV)	4 947	7 419	8 155	7 802	9 497	8 006	10 133	15 406
Export	mIn m ³	8	16	2	6	133	121	72	136
	TJ (GCV)	331	605	68	250	5 195	4 705	2 796	5 271
Variation of stocks	mIn m ³	5	102	90	77	37	16	96	173
	TJ (GCV)	139	3 742	3 424	2 940	1 442	569	3 653	7 035
Available for inland market	mIn m ³	182	131	180	178	132	127	151	143
	TJ (GCV)	7 213	5 593	7 299	7 211	5 402	5 253	6 271	5 676

3 HYDROCARBONS

3.1 CRUDE OIL

'000 tonnes

Supply	Crude oil							
	2021				2022			
	V	VI	VII	VIII	V	VI	VII	VIII
Production	47	45	47	47	44	44	45	47
Import	224	330	85	309	186	176	265	339
Export	44	41	45	39	-	-	-	-
Variation of stocks	-24	112	-164	71	-11	-49	49	105
Refinery input	251	222	251	246	241	270	261	281

3.2 PETROLEUM PRODUCTS - TOTAL

'000 tonnes

Supply	Petroleum products							
	2021				2022			
	V	VI	VII	VIII	V	VI	VII	VIII
Production	332	297	320	308	307	336	349	350
Import	126	171	123	185	187	154	185	199
Export	197	195	221	135	170	205	145	182
Variation of stocks	8	1	-111	38	44	-35	27	15
Available for inland market	253	272	333	320	280	319	362	352

3.2.1 MOTOR GASOLINE

'000 tonnes

Supply	Motor gasoline							
	2021				2022			
	V	VI	VII	VIII	V	VI	VII	VIII
Production	78	76	78	79	63	85	80	79
Import	7	6	6	6	16	6	8	10
Export	39	58	49	26	15	72	9	13
Variation of stocks	8	-12	-28	-4	25	-27	21	12
Available for inland market	38	36	63	63	39	46	58	64

'000 tonnes

Supply	Gas/diesel oil							
	2021				2022			
	V	VI	VII	VIII	V	VI	VII	VIII
Production	149	140	150	140	131	146	164	151
Import	81	128	88	155	137	99	112	167
Export	61	86	105	87	99	71	72	106
Variation of stocks	9	7	-65	27	3	-12	2	6
Available for inland market	160	175	198	181	166	185	202	206

3.2.3 FUEL OIL

'000 tonnes

Supply	Fuel oil							
	2021				2022			
	V	VI	VII	VIII	V	VI	VII	VIII
Production	40	33	23	34	47	36	26	25
Import	1	-	-	-	1	-	-	-
Export	60	32	31	3	32	32	32	21
Variation of stocks	-22	-	-9	30	14	-3	-7	-1
Available for inland market	3	1	1	1	2	7	1	5

3.2.4 OTHER PETROLEUM PRODUCTS

'000 tonnes

Supply	Other petroleum products							
	2021				2022			
	V	VI	VII	VIII	V	VI	VII	VIII
Production	65	48	69	55	66	69	79	95
Import	37	37	29	24	33	49	65	22
Export	37	19	36	19	24	30	32	42
Variation of stocks	13	6	-9	-15	2	7	11	-2
Available for inland market	52	60	71	75	73	81	101	77

4 CRUDE FUELS

4.1 HARD COAL

'000 tonnes

Supply	Hard coal							
	2021				2022			
	V	VI	VII	VIII	V	VI	VII	VIII
Production	-	-	-	-	-	-	-	-
Import	74	8	72	141	141	92	94	6
Export	-	-	-	-	-	-	-	-
Variation of stocks	59	-57	1	80	75	32	22	-55
Available for inland market	15	65	71	61	66	60	72	61

4.2 COKE

'000 tonnes

Supply	Coke							
	2021				2022			
	V	VI	VII	VIII	V	VI	VII	VIII
Production	-	-	-	-	-	-	-	-
Import	2	2	3	4	3	2	2	3
Export	-	-	-	-	-	-	-	-
Variation of stocks	-	-	-	-	-	-	-	-
Available for inland market	2	2	3	4	3	2	2	3

4.3 BROWN COAL

'000 tonnes

Supply	Brown coal							
	2021				2022			
	V	VI	VII	VIII	V	VI	VII	VIII
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 ³	cubic metre
mln	million
NGL	natural gas liquids
TJ	terajoule
'000	thousand

Symbols

- no occurrence

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 Kelebuš

USERS ARE KINDLY REQUESTED TO STATE THE SOURCE.

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