

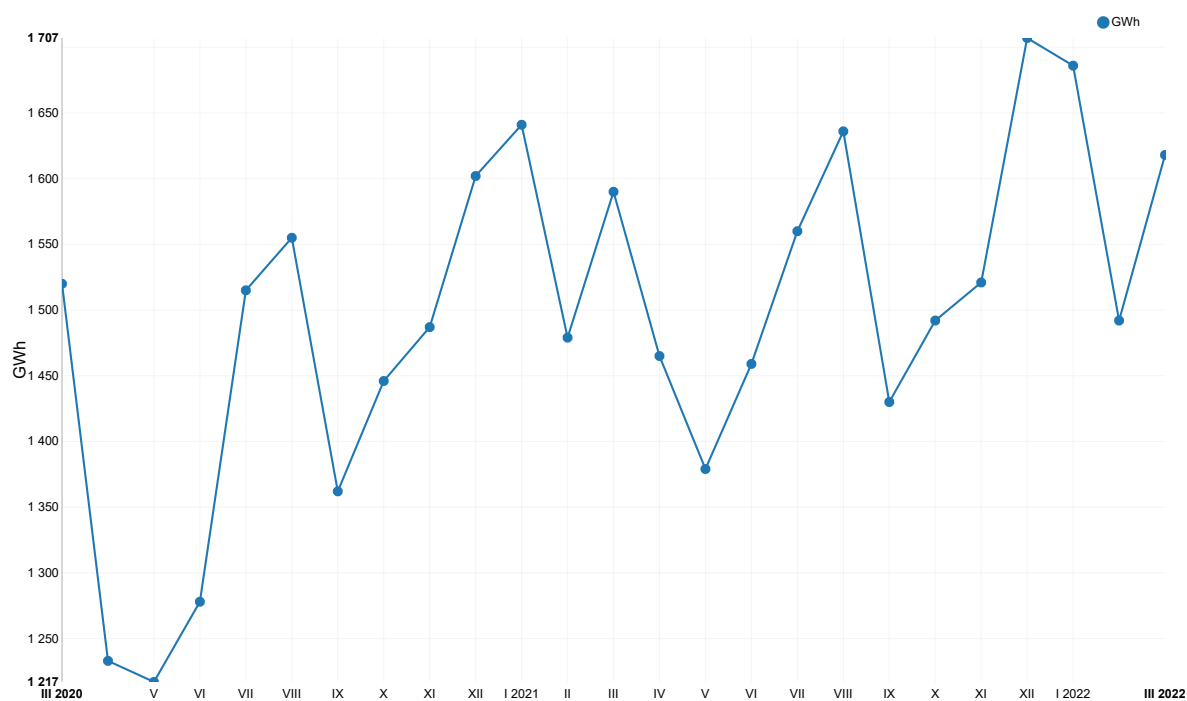


## SHORT-TERM INDICATORS OF ENERGY STATISTICS, MARCH 2022, FIRST RESULTS

In March 2022, electricity available for the inland market amounted to 1 618 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, MARCH 2020-MARCH 2022



## 1 ELECTRICITY

GWh

| Supply  | Electricity |       |       |       |       |       |       |       |
|---|-------------|-------|-------|-------|-------|-------|-------|-------|
|   | 2020        | 2021  |       |       | 2021  | 2022  |       |       |
|   | XII         | I     | II    | III   | XII   | I     | II    | III   |
| Total gross production                          | 1.757       | 1.828 | 1.566 | 1.431 | 1.698 | 1.549 | 1.218 | 1.221 |
| Hydro power plants                              | 976         | 1.037 | 935   | 713   | 973   | 760   | 467   | 454   |
| Thermal power plants and CHP on fossil fuels    | 505         | 466   | 380   | 423   | 364   | 448   | 469   | 396   |
| Thermal power plants and CHP on renewable fuels | 86          | 84    | 75    | 82    | 97    | 95    | 86    | 92    |
| Wind power plants                               | 186         | 232   | 165   | 199   | 253   | 235   | 188   | 265   |
| Solar power plants                              | 1           | 2     | 4     | 7     | 2     | 3     | 4     | 7     |
| Geothermal power plants                         | 3           | 7     | 7     | 7     | 9     | 8     | 4     | 6     |
| Total net production                            | 1.725       | 1.786 | 1.541 | 1.401 | 1.664 | 1.512 | 1.185 | 1.189 |
| Hydro power plants                              | 973         | 1.025 | 933   | 711   | 970   | 753   | 465   | 448   |
| Thermal power plants and CHP on fossil fuels    | 482         | 443   | 364   | 402   | 343   | 426   | 447   | 377   |
| Thermal power plants and CHP on renewable fuels | 81          | 79    | 70    | 77    | 88    | 88    | 79    | 88    |
| Wind power plants                               | 185         | 231   | 164   | 198   | 252   | 234   | 187   | 263   |
| Solar power plants                              | 1           | 2     | 4     | 7     | 2     | 3     | 4     | 7     |
| Geothermal power plants                         | 3           | 6     | 6     | 6     | 7     | 7     | 3     | 5     |
| Import  | 736         | 988   | 943   | 900   | 968   | 916   | 872   | 1.057 |
| Export  | 853         | 1.131 | 1.000 | 692   | 916   | 716   | 550   | 614   |
| Energy absorbed by storage pumping              | 6           | 2     | 5     | 19    | 9     | 26    | 15    | 14    |
| Available for inland market                     | 1.602       | 1.641 | 1.479 | 1.590 | 1.707 | 1.686 | 1.492 | 1.618 |

## 2 NATURAL GAS

| Supply                      | Unit of measure    | Natural gas |        |        |        |        |        |        |        |
|-----------------------------|--------------------|-------------|--------|--------|--------|--------|--------|--------|--------|
|                             |                    | 2020        | 2021   |        |        | 2021   | 2022   |        |        |
|                             |                    | XII         | I      | II     | III    | XII    | I      | II     | III    |
| Production                  | mIn m <sup>3</sup> | 69          | 70     | 63     | 70     | 61     | 61     | 56     | 66     |
|                             | TJ (GCV)           | 2.738       | 2.798  | 2.523  | 2.791  | 2.446  | 2.410  | 2.211  | 2.616  |
| Import                      | mIn m <sup>3</sup> | 205         | 180    | 164    | 257    | 188    | 207    | 195    | 211    |
|                             | TJ (GCV)           | 7.945       | 7.077  | 6.352  | 10.567 | 7.497  | 8.238  | 7.794  | 8.384  |
| Export                      | mIn m <sup>3</sup> | 2           | 2      | 2      | 2      | 6      | 9      | 31     | 15     |
|                             | TJ (GCV)           | 88          | 86     | 75     | 88     | 227    | 342    | 1.223  | 581    |
| Variation of stocks         | mIn m <sup>3</sup> | -83         | -65    | -70    | 3      | -85    | -117   | -81    | -6     |
|                             | TJ (GCV)           | -3.157      | -2.479 | -2.636 | 13     | -3.259 | -4.430 | -3.082 | -230   |
| Available for inland market | mIn m <sup>3</sup> | 355         | 313    | 295    | 322    | 328    | 376    | 300    | 268    |
|                             | TJ (GCV)           | 13.752      | 12.268 | 11.436 | 12.957 | 12.975 | 14.736 | 11.864 | 10.648 |

## 3 HYDROCARBONS

### 3.1 CRUDE OIL

'000 tonnes

| Supply              | Crude oil |      |     |     |      |      |    |     |
|---------------------|-----------|------|-----|-----|------|------|----|-----|
|                     | 2020      | 2021 |     |     | 2021 | 2022 |    |     |
|                     | XII       | I    | II  | III | XII  | I    | II | III |
| Production          | 47        | 48   | 42  | 48  | 48   | 48   | 42 | 47  |
| Import              | -         | -    | 182 | 233 | -    | -    | -  | 225 |
| Export              | 136       | 39   | 33  | 40  | 63   | 39   | 20 | 10  |
| Variation of stocks | -118      | 7    | 189 | 61  | -45  | 6    | 19 | 260 |
| Refinery input      | 29        | 2    | 2   | 180 | 30   | 3    | 2  | 2   |

### 3.2 PETROLEUM PRODUCTS - TOTAL

'000 tonnes

| Supply                      | Petroleum products |      |     |     |     |      |      |     |  |
|-----------------------------|--------------------|------|-----|-----|-----|------|------|-----|--|
|                             | 2020               | 2021 |     |     |     | 2021 | 2022 |     |  |
|                             | XII                | I    | II  | III | XII | I    | II   | III |  |
| Production                  | 41                 | 10   | 16  | 233 | 44  | 10   | 12   | 10  |  |
| Import                      | 234                | 257  | 199 | 159 | 312 | 203  | 289  | 312 |  |
| Export                      | 76                 | 61   | 72  | 89  | 102 | 76   | 71   | 72  |  |
| Variation of stocks         | -5                 | 32   | -58 | 60  | 25  | -50  | -6   | -13 |  |
| Available for inland market | 204                | 174  | 201 | 243 | 229 | 187  | 236  | 263 |  |

#### 3.2.1 MOTOR GASOLINE

'000 tonnes

| Supply                      | Motor gasoline |      |     |     |     |      |      |     |  |
|-----------------------------|----------------|------|-----|-----|-----|------|------|-----|--|
|                             | 2020           | 2021 |     |     |     | 2021 | 2022 |     |  |
|                             | XII            | I    | II  | III | XII | I    | II   | III |  |
| Production                  | 20             | 1    | 1   | 40  | 13  | 2    | 3    | -   |  |
| Import                      | 5              | 31   | 7   | 12  | 30  | 6    | 43   | 21  |  |
| Export                      | 8              | 7    | 6   | 8   | 11  | 7    | 6    | 7   |  |
| Variation of stocks         | -9             | 1    | -26 | 14  | -1  | -26  | 12   | -18 |  |
| Available for inland market | 26             | 24   | 28  | 30  | 33  | 27   | 28   | 32  |  |

#### 3.2.2 GAS/DIESEL OIL

'000 tonnes

| Supply                      | Gas/diesel oil |      |     |     |     |      |      |     |  |
|-----------------------------|----------------|------|-----|-----|-----|------|------|-----|--|
|                             | 2020           | 2021 |     |     |     | 2021 | 2022 |     |  |
|                             | XII            | I    | II  | III | XII | I    | II   | III |  |
| Production                  | 12             | 2    | 1   | 111 | 6   | 1    | 1    | 1   |  |
| Import                      | 202            | 204  | 163 | 114 | 235 | 170  | 207  | 239 |  |
| Export                      | 54             | 44   | 47  | 53  | 71  | 60   | 56   | 56  |  |
| Variation of stocks         | 19             | 38   | -24 | 5   | 34  | -11  | -17  | -5  |  |
| Available for inland market | 141            | 124  | 141 | 167 | 136 | 122  | 169  | 189 |  |

#### 3.2.3 FUEL OIL

'000 tonnes

| Supply                      | Fuel oil |      |    |     |     |      |      |     |  |
|-----------------------------|----------|------|----|-----|-----|------|------|-----|--|
|                             | 2020     | 2021 |    |     |     | 2021 | 2022 |     |  |
|                             | XII      | I    | II | III | XII | I    | II   | III |  |
| Production                  | 2        | 2    | 9  | 32  | 21  | 4    | 5    | 4   |  |
| Import                      | 3        | 2    | 2  | 2   | 1   | 2    | 3    | 1   |  |
| Export                      | 5        | 3    | 12 | 3   | 13  | 3    | 4    | 2   |  |
| Variation of stocks         | -3       | -1   | -2 | 29  | 6   | -5   | -1   | 1   |  |
| Available for inland market | 3        | 2    | 1  | 2   | 3   | 8    | 5    | 2   |  |

### 3.2.4 OTHER PETROLEUM PRODUCTS

'000 tonnes

| Supply                      | Other petroleum products |      |    |     |     |      |      |     |  |
|-----------------------------|--------------------------|------|----|-----|-----|------|------|-----|--|
|                             | 2020                     | 2021 |    |     |     | 2021 | 2022 |     |  |
|                             | XII                      | I    | II | III | XII | I    | II   | III |  |
| Production                  | 7                        | 5    | 5  | 50  | 4   | 3    | 3    | 5   |  |
| Import                      | 24                       | 20   | 27 | 31  | 46  | 25   | 36   | 51  |  |
| Export                      | 9                        | 7    | 7  | 25  | 7   | 6    | 5    | 7   |  |
| Variation of stocks         | -12                      | -6   | -6 | 12  | -14 | -8   | -    | 9   |  |
| Available for inland market | 34                       | 24   | 31 | 44  | 57  | 30   | 34   | 40  |  |

## 4 CRUDE FUELS

### 4.1 HARD COAL

'000 tonnes

| Supply                      | Hard coal |      |    |     |     |      |      |     |  |
|-----------------------------|-----------|------|----|-----|-----|------|------|-----|--|
|                             | 2020      | 2021 |    |     |     | 2021 | 2022 |     |  |
|                             | XII       | I    | II | III | XII | I    | II   | III |  |
| Production                  | -         | -    | -  | -   | -   | -    | -    | -   |  |
| Import                      | 73        | -    | 98 | 49  | 73  | 5    | 94   | 10  |  |
| Export                      | -         | -    | -  | -   | -   | -    | -    | -   |  |
| Variation of stocks         | 10        | -57  | 37 | -22 | 15  | -57  | 40   | -42 |  |
| Available for inland market | 63        | 57   | 61 | 71  | 58  | 62   | 54   | 52  |  |

### 4.2 COKE

'000 tonnes

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

### 4.3 BROWN COAL

'000 tonnes

| Supply                      | Brown coal |      |    |     |     |      |      |     |  |
|-----------------------------|------------|------|----|-----|-----|------|------|-----|--|
|                             | 2020       | 2021 |    |     |     | 2021 | 2022 |     |  |
|                             | XII        | I    | II | III | XII | I    | II   | III |  |
| Production                  | -          | -    | -  | -   | -   | -    | -    | -   |  |
| Import                      | -          | -    | -  | -   | -   | -    | 1    | -   |  |
| Export                      | -          | -    | -  | -   | -   | -    | -    | -   |  |
| Variation of stocks         | -2         | -    | -  | -   | -1  | -1   | -    | -   |  |
| Available for inland market | 2          | -    | -  | -   | 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 <sup>3</sup> | cubic metre                                    |
| mln            | million  |
| NGL            | natural gas liquids                            |
| TJ             | terajoule                                      |
| '000           | thousand                                       |

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