**Flows and energy products in the national annual energy balance; conversion factors between different energy units**

**Flows (rows of the energy balance)**

+ Primary production

+ Import

- Export

+ Stock changes

**= Gross avaliable energy**

- International maritime bunkers

**= Gross inland consumption**

- International aviation

**= Total energy supply**

|  |
| --- |
| - Transformation input |
| Transformation input - Hydro power plants |
| Transformation input - Wind turbines |
| Transformation input - Solar photovoltaic |
| Pump storage |
| Transformation input - Thermal power plants |
| Transformation input - CHP |
| Transformation input - Autoproducers |
| Transformation input - District heating plants |
| Transformation input - Oil and gas extraction |
| Transformation input - Refineries |
| Transformation input - Petrochemical refinery  Transformation input - For blending with motor gasoline, diesel, kerosene |
| Products transferred |
| Interproduct transfers |
| Returns from petrochemical industry |
| Transformation input - Blast Furnace plants |
| Transformation input - Coal mines |
| Transformation input - Coal transformation |
| Transformation input - Charcoal kilns and retorts |
| Transformation input - Producers of wood pellets |
| Transformation input - Producers of wood briquettes |
| Transformation input - Other |
| + Transformation output |
| Transformation output - Hydro power plants |
| Transformation output - Wind turbines |
| Transformation output - Solar photovoltaic |
| Transformation output - Thermal power plants |
| Transformation output - CHP |
| Transformation output - Autoproducers |
| Transformation output - District heating plants |
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| Transformation output - Charcoal kilns and retorts |
| Transformation output - Producers of wood pellets |
| Transformation output - Producers of wood briquettes |
| Transformation output - Other |
| - Consumption in the energy sector |
| Оwn use - Hydro power plants |
| Own use - Thermal power plants |
| Own use - CHP |
| Own use - Autoproducers |
| Own use - District heating plants |
| Own use - Oil and gas extraction |
| Own use - Refineries |
| Own use - Petrochemical refinery |
| Own use - Blast Furnace plants |
| Own use - Coal mines |
| Own use - Coal transformation |
| Own use - Charcoal kilns and retorts |
| Own use - Producers of wood pellets |
| Own use - Producers of wood briquettes |
| Own use - Other |

- Losses

**= Energy available for final consumption**

- Final Non-Energy consumption

of which for the chemical industry

- Final Energy consumption:

Industry

Construction

Transport

Households

Agriculture

Other users

**= Statistical difference**

**Енергенти (у јединицама мере расположивим у енергетском билансу)**

|  |  |  |
| --- | --- | --- |
| Electricity (total) | GWh | TJ |
| Solar photovoltaic | GWh | TJ |
| Wind Energy | GWh | TJ |
| Hydro Energy | GWh | TJ |
|  |  |  |
| Heat (total) | - | TJ |
|  |  |  |
| Coal (total) | - | TJ |
| Anthracite | t | TJ |
| Other Bituminous Coal | t | TJ |
| Sub-bituminous Coal, Brown Coal and Lignite | t | TJ |
| Patent Fuel | t | TJ |
| BKB | t | TJ |
| Coal Tar | t | TJ |
| Coke Oven Coke | t | TJ |
|  |  |  |
| Blast Furnace Gas | 000 m3 | TJ |
|  |  |  |
| Oil and Pertoleum Products (total) | - | TJ |
| Crude Oil | t | TJ |
| Natural Gas Liquide (NGL) | t | TJ |
| Refinery Feedstocks | t | TJ |
| Additives | t | TJ |
| Other hydrocarbons | t | TJ |
| Refinery Gas | t | TJ |
| Liquified petroleum gas (LPG) | t | TJ |
| Naphtha | t | TJ |
| Unleaded Motor Gasoline | t | TJ |
| Leaded Motor Gasoline | t | TJ |
| Aviation Gasoline | t | TJ |
| Kerosene type jet fuel | t | TJ |
| Other kerosene | t | TJ |
| Transport diesel | t | TJ |
| Heating and other gas oil | t | TJ |
| Fuel Oil-high sulphur (≥1%) | t | TJ |
| Fuel Oil-low sulphur (<1%) | t | TJ |
| White spirit | t | TJ |
| Lubricants | t | TJ |
| Bitumen | t | TJ |
| Paraffin waxes | t | TJ |
| Petroleum coke | t | TJ |
| Other Oil Products | t | TJ |
|  |  |  |
| Natural Gas | 000 Stm3 | TJ |
|  |  |  |
| Geothermal Energy | - | TJ |
|  |  |  |
| Wood fuels (including charcoal) | - | TJ |
| Firewood | t | TJ |
| Wood residual and Wood chips | t | TJ |
| Wood briquettes | t | TJ |
| Wood pelletes | t | TJ |
| Charcoal | t | TJ |
|  |  |  |
| Biogas | 000 m3 | TJ |
|  |  |  |
| Industrial waste, renewable | t | TJ |
| Industrial waste, non-renewable | 000 m3 | TJ |

|  |  |  |
| --- | --- | --- |
| Pure biodiesel | t | TJ |
| Blended biodiesel | t | TJ |

**Conversion factors between different energy units**

