

Russian energy statistics units of measurement

Russian energy statistics uses the Russian classification of units of measurement (RCUM).

RCUM is developed on the basis of UNECE classification "Codes for Units of Measure used in International Trade", requirements of international standards ISO 31-0:1992 "Quantities and Units. Part 0. General Principles" and ISO 1000-92 "SI units and recommendations for the use of their multiples and of certain other units".

RCUM must be used for estimation of technical, economic and social indicators for state accounting and reporting, analysis and forecasting of economy development, maintenance of international statistical comparisons, in domestic and foreign trade, in customs control.

Using international measurement standards we have not problems to compare the energy statistics data of Russia at international level.

At the same time in our practical work we use additional national units of measure that do not exist in international classifications.

So, in Russian energy statistics we apply "ton of coal equivalent" (tce) defined as 7000 kilocalories.

For comparison to similar data of other countries where "ton of oil equivalent" (toe) and "terajoule" are applied we use the following conversion equivalents:

1 tce multiplied by 0,0293076 is equal to 1 terajoule,

1 tce multiplied by 0,7 is equal to 1 toe.