

Energy Information Administration

Table Posted: June 7, 2007

Next Update: August 2007

Natural Gas Prices for Industry ¹

(U.S. Dollars per 10⁷ Kilocalories - Gross Calorific Value) ²

| Country | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 |
|-------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Argentina | NA | NA | NA | NA | NA | NA | 47.31 | NA | NA |
| Austria | 154.7 | 144.6 | NA | NA | NA | NA | NA | NA | NA |
| Barbados | NA | NA | NA | NA | NA | NA | 812.66 | NA | NA |
| Belgium | C | C | C | C | C | C | C | C | C |
| Bolivia | NA | NA | NA | NA | NA | NA | 72.33 | NA | NA |
| Brazil | NA | NA | NA | NA | NA | NA | 402.37 | NA | NA |
| Canada | 70.6 | 79.4 | 89.8 | 108.8 | 125.3 | 210.1 | 223.6 | 294.5 | NA |
| Chile | NA | NA | NA | NA | NA | NA | 212.50 | NA | NA |
| Chinese Taipei (Taiwan) | 264.54 | 248.30 | 297.81 | 288.63 | 271.60 | 302.10 | 336.83 | 390.71 | 409.82 |
| Colombia | NA | NA | NA | NA | NA | NA | 244.46 | NA | NA |
| Cuba | NA | NA | NA | NA | NA | NA | 132.53 | NA | NA |
| Czech Republic | 159.8 | 142.8 | 147.6 | 155.9 | 173.6 | 203.4 | 217.5 | 292.5 | 403.2 |
| Denmark | C | C | C | C | C | C | C | C | C |
| Finland | 138.5 | 128.0 | 130.7 | 126.0 | 126.9 | 158.7 | 170.3 | 190.2 | 248.1 |
| France | 157.7 | 147.1 | 178.1 | 197.1 | 182.5 | 241.8 | 262.2 | 330.2 | 412.2 |
| Germany | 177.7 | 161.4 | 187.9 | NA | NA | NA | NA | NA | NA |
| Greece | 134.9 | 151.6 | 197.4 | 184.4 | 181.0 | 221.5 | 232.3 | 312.4 | NA |
| Hungary | 144.8 | 134.9 | 109.6 | 123.2 | 144.0 | 235.7 | 287.7 | 345.7 | 451.1 |
| Indonesia | 31.80 | 35.87 | 44.90 | NA | NA | NA | NA | NA | NA |
| Ireland | 171.5 | 164.7 | 114.2 | 143.5 | 183.8 | 232.7 | 291.7 | 374.0 | 465.9 |
| Italy | 171.3 | C | C | C | C | C | C | C | C |
| Japan | 356.0 | 385.8 | 452.7 | 406.4 | 357.0 | 384.9 | 392.5 | NA | NA |
| Kazakhstan | 40.18 | 28.57 | 30.61 | 34.26 | 30.85 | 34.38 | 45.27 | 47.46 | 62.43 |
| Korea, South | NA | NA | NA | NA | NA | NA | 341.8 | 392.4 | 495.2 |
| Luxembourg | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Mexico | 81.4 | 88.3 | 150.0 | 163.4 | 122.7 | 205.3 | 300.7 | 357.1 | 343.2 |
| Netherlands | 132.9 | 116.7 | 166.5 | 175.6 | 164.5 | 222.4 | NA | NA | NA |

| | | | | | | | | | |
|----------------------------|--------|--------|--------|--------|--------|--------|--------|-------|-------|
| New Zealand | 74.6 | 73.6 | 59.8 | 60.0 | 65.5 | 106.1 | 123.3 | 166.0 | 187.0 |
| Norway | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Peru | NA | NA | NA | NA | NA | NA | 161.94 | NA | NA |
| Poland | 132.0 | 121.8 | 133.0 | 173.3 | 173.1 | 175.9 | 179.4 | 224.7 | 294.3 |
| Portugal | NA | NA | NA | NA | 238.1 | 287.6 | 285.8 | 340.3 | 399.0 |
| Romania | 64.92 | NA | NA | NA | NA | NA | NA | NA | NA |
| Russia | NA | NA | 14.53 | 16.52 | 19.44 | 26.12 | 33.19 | NA | NA |
| Slovak Republic (Slovakia) | 124.6 | 106.6 | 101.4 | 106.6 | 132.8 | 220.6 | 243.0 | 287.4 | 378.9 |
| South Africa | 152.86 | 182.89 | 237.06 | 212.85 | NA | NA | NA | NA | NA |
| Spain | 137.8 | 131.4 | 175.4 | 176.0 | 165.5 | 204.0 | 215.6 | 254.2 | 354.9 |
| Switzerland | 238.8 | 215.0 | 222.9 | 296.4 | 279.2 | 320.3 | 352.3 | 401.9 | 487.7 |
| Thailand | 83.42 | 83.30 | 114.68 | 119.06 | 117.78 | 136.44 | 132.27 | NA | NA |
| Turkey | 172.1 | 162.4 | 175.0 | 200.5 | 215.5 | 228.9 | 230.3 | 304.8 | 352.7 |
| United Kingdom | 108.7 | 102.9 | 104.6 | 140.4 | 146.4 | 164.7 | 202.6 | 298.8 | NA |
| United States | 119.0 | 118.7 | 171.0 | 198.6 | 154.4 | 223.8 | 252.0 | 325.2 | 299.5 |
| Venezuela | NA | NA | NA | NA | NA | NA | 14.50 | NA | NA |

¹ Energy end-use prices including taxes, converted using exchange rates.

² To convert U.S. dollars per 10⁷ kilocalories to U.S. dollars per million British thermal units (Btu) multiply by 0.0252

NA=Not available

C=Confidential.

--=Not applicable.

Source: *Energy Prices & Taxes - Quarterly Statistics, First Quarter 2007*, Part II, Section D, Table 15, and Part III, Section B, Table 12, Paris: International Energy Agency, 2007. The Paris-based International Energy Agency (IEA) maintains annual and quarterly time series of this price data that begin with the year 1978 and that also include the most recent quarterly prices. Information on purchasing this data online from the IEA is available at:

<http://data.iea.org/ieastore/default.asp>

| <u>Analysis</u> | <u>Unit</u> | <u>Value</u> |
|--|--------------------------|---------------|
| Average Natural Gas Prices in year 2006 | USD/10 ⁷ kcal | 355.58 |
| Exchange rate USD to RM | - | 3.45 |
| Average Natural Gas Price in year 2006 | RM/10 ⁷ kcal | 1,226.76 |
| Average Natural Gas Price in mmBTU | mmBTU | 30.91 |
| Natural gas price in Malaysia | RM/Sm ³ | 0.49 |
| Calorific value of 1 Sm ³ | kcal/Sm ³ | 9,530.00 |
| Conversion factor from kcal to BTU | - | 3.97 |
| Natural gas price in Malaysia (susidised) | RM/mmBTU | 12.96 |
| Percentage difference | % | 138.58 |
| <u>Note:</u> | | |
| 1) The above has not taken into consideration of the recent hike in world market prices of fuel oil and natural ga | | |
| 2) In September 2007, fuel oil prices has gone up to USD 80 per barre | | |