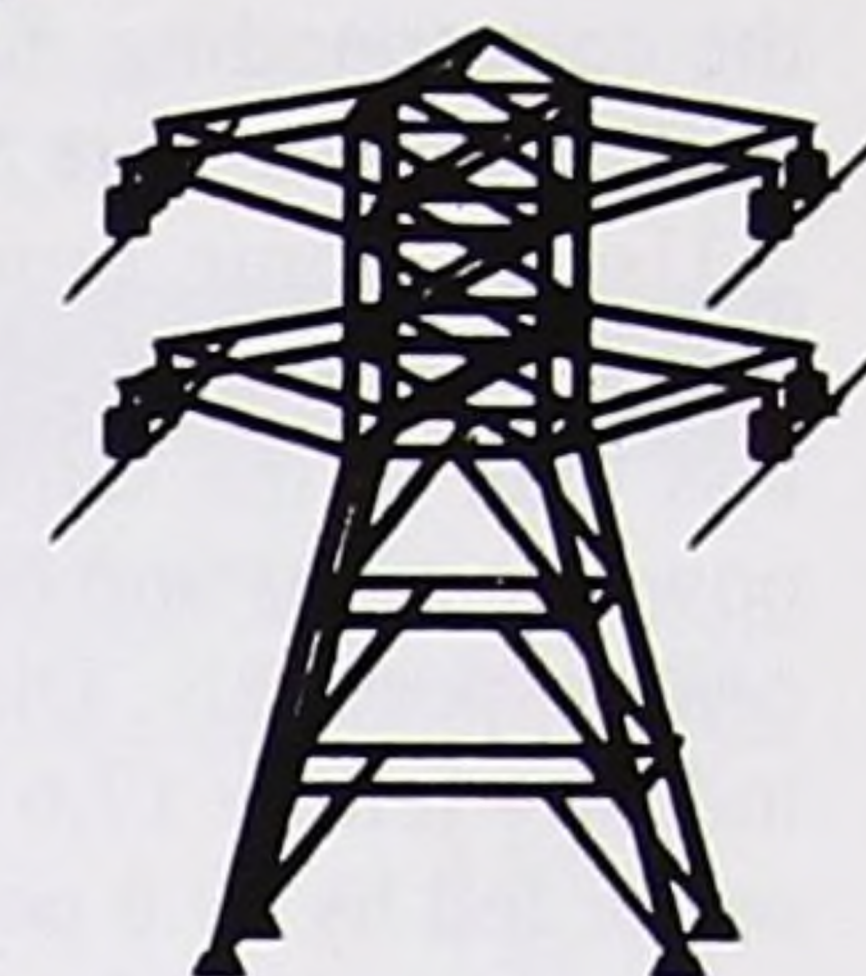


ENERGY *Keep* Trends



A Statistical Bulletin from the
Department of Trade & Industry

MAY 1992

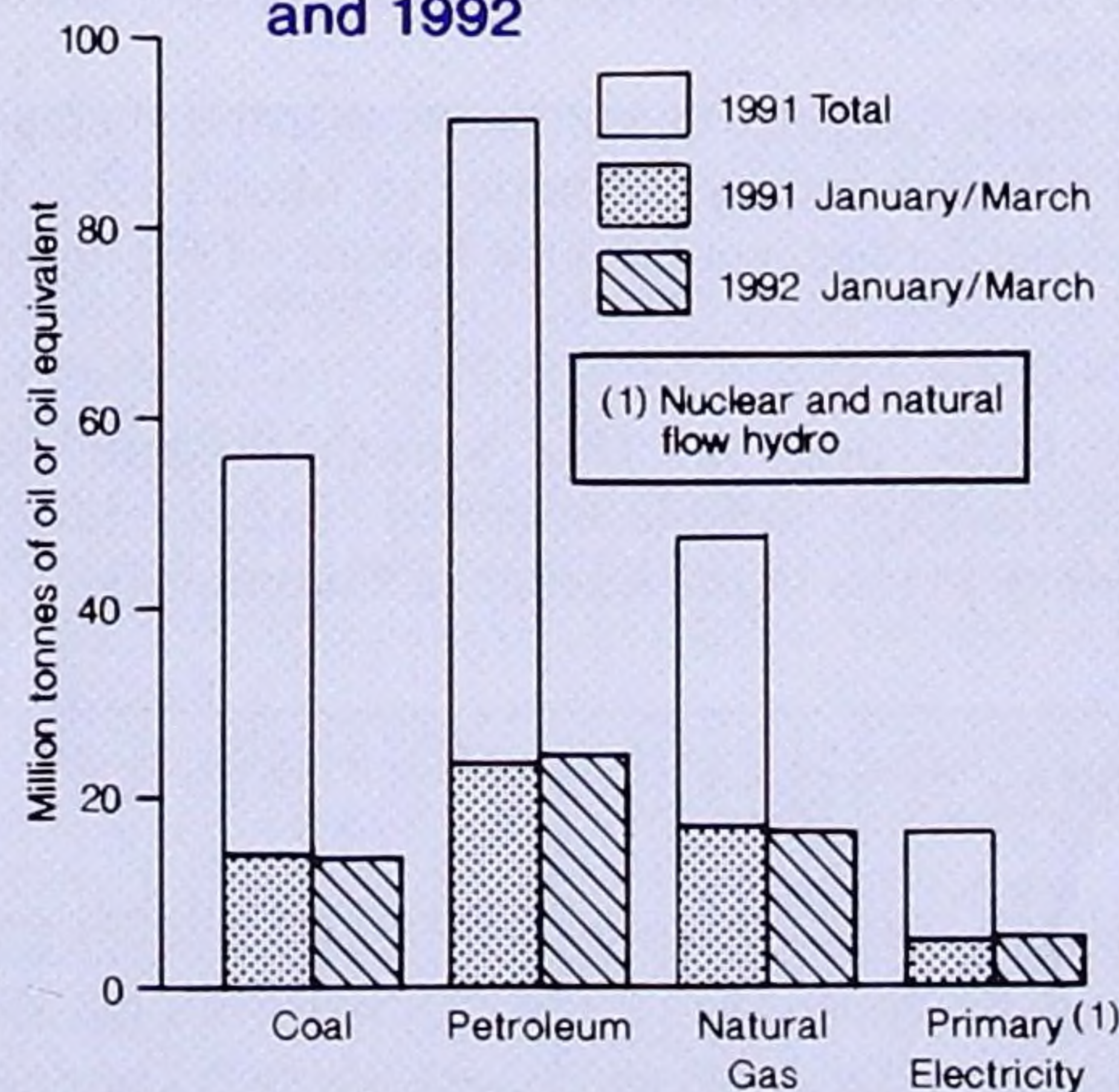
MAIN POINTS

- ★ *Primary energy consumption in the first quarter of 1992 was nearly three per cent lower than in the corresponding months a year earlier, but only one per cent lower after seasonal adjustment and temperature correction.*
- ★ *Coal productivity continues to improve, with productivity in March 1992 17 per cent higher than a year ago.*
- ★ *In the first quarter of 1992, the UK had a financial surplus in fuel trade worth £25 million.*
- ★ *Domestic energy prices in the first quarter of 1992 were unchanged in real terms from a year ago.*
- ★ *An article on industrial gas and electricity prices in the European Community is featured on the back page of this issue.*

TOTAL ENERGY PRODUCTION (Table 1)

Indigenous production of primary fuels during the first quarter of 1992, at 59.5 million tonnes of oil equivalent, was 0.2 per cent more than in the same period a year ago. Production of petroleum was 3.1 per cent higher than in the first quarter of 1991, but production in March 1992 was 9.2 per cent less than

Chart 1 : Production of indigenous primary fuels in 1991 and 1992

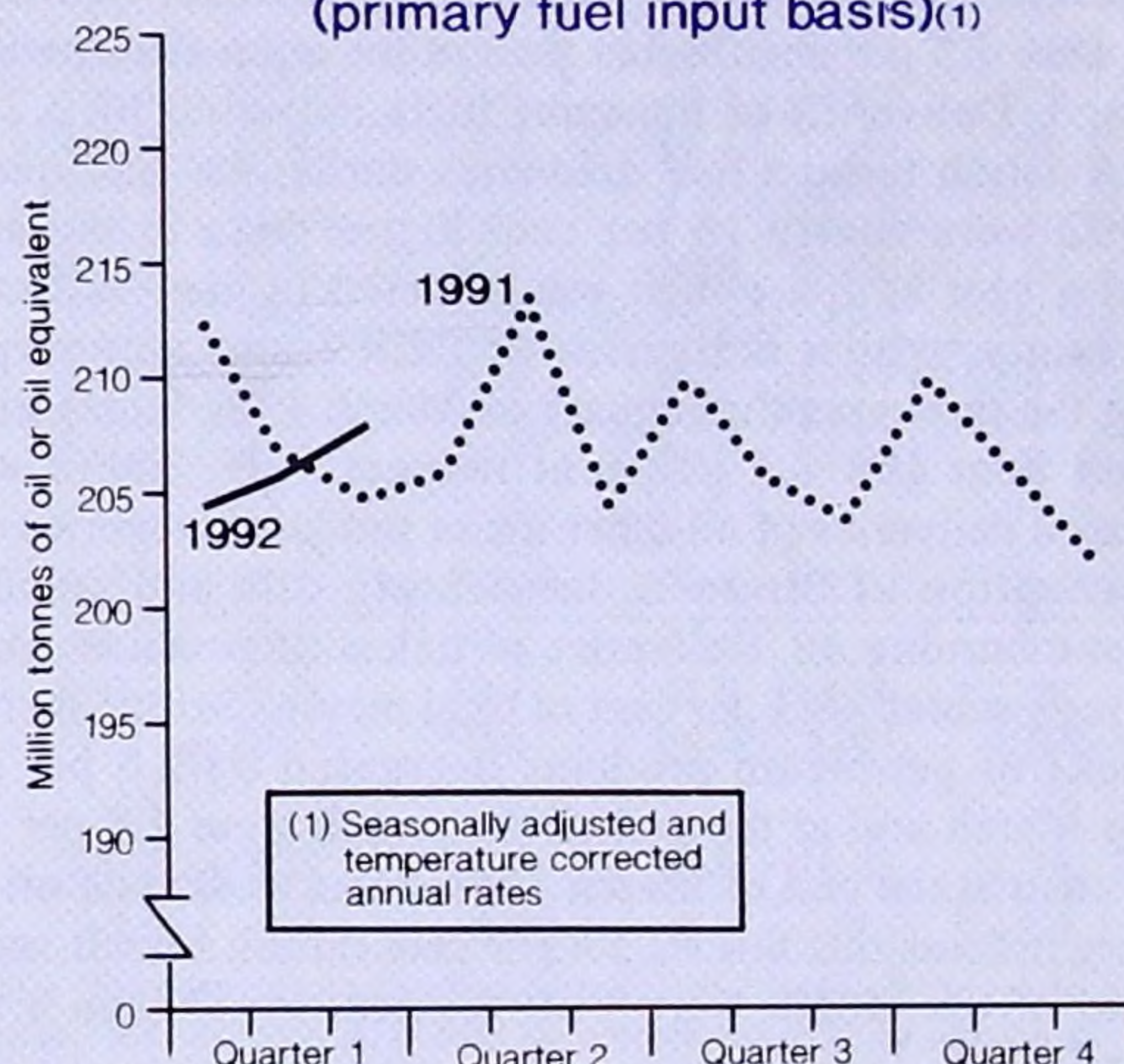


in February 1992 (on a daily rate basis) mainly due to an early start to annual maintenance shutdowns. Production of coal and natural gas in the first quarter of 1992 decreased by 4.9 per cent and 1.5 per cent respectively, compared with the same period a year earlier. Electricity production from natural flow hydro stations increased by 26.0 per cent, and nuclear production by 5.2 per cent.

TOTAL ENERGY CONSUMPTION (Table 2)

Total inland energy consumption, on a primary fuel input basis, in the first quarter of 1992 was 2.7 per cent lower than

Chart 2 : Total inland consumption (primary fuel input basis)(1)



in the corresponding months a year ago. Consumption of coal and natural gas fell by 7.8 per cent and 4.4 per cent respectively, whilst that of nuclear electricity and petroleum rose by 5.3 per cent and 1.7 per cent.

The average temperature during the period was over one centigrade degree higher than a year ago, making total consumption on a seasonally adjusted and temperature corrected basis one per cent lower than in the first quarter of 1991. On this basis, consumption of coal and natural gas decreased by 6.2 per cent and 1.6 per cent respectively. Petroleum and nuclear electricity consumption rose by 3.5 per cent and 2.1 per cent respectively.

COAL (Tables 4 to 7)

Provisional figures for the first quarter of 1992 show that total production was 23.7 million tonnes, 4.9 per cent less than in

Continued on next page



the corresponding months a year earlier, while imports at 5.8 million tonnes were 8.7 per cent more.

Use of home produced and imported coal in the period January to March 1992 was 28.7 million tonnes, 7.8 per cent less than in the same months a year earlier. Consumption at power stations and coke ovens fell by 6.3 per cent and 4.7 per cent respectively. Disposals by collieries and opencast sites to industry fell by 17.6 per cent, whilst disposals to the domestic sector fell by 19.8 per cent.

Total stocks of coal at the end of March 1992 were 43.0 million tonnes, 1.2 million tonnes higher than at the end of February 1992 and 6.9 million tonnes higher than at the end of March 1991. Stocks of coal remain at a high level — stocks at both power stations and collieries were considerably higher than a year ago.

Overall productivity in British Coal's mines was 17.1 per cent higher in March 1992, compared with March 1991.

GAS (Tables 8 and 9)

Provisional data for the three month period to March 1992 show that 7,395 million therms of gas were sent out, 5.2 per cent less than in the equivalent period a year ago. Imported supplies were an estimated 9.3 per cent of the total, compared to 10.3 per cent a year earlier.

PETROLEUM (Tables 10 to 16)

Deliveries of petroleum products in the first quarter of 1992 were 1.5 per cent higher than in the equivalent period a year ago. Deliveries of transport fuels increased by 3.7 per cent. Aviation turbine fuel deliveries during the first quarter of 1992 were nearly 16 per cent higher than in the same period a year earlier which was affected by the Gulf crisis uncertainty, whilst deliveries of DERV and motor spirit during the three months January to March 1992 increased by 3.3 per cent and 1.3 per cent respectively. There were decreased deliveries of all other major product categories with the exception of bitumen, lubricating oils and standard domestic burning oil. Deliveries of unleaded petrol in March 1992 represented 45.3 per cent of total motor spirit deliveries.

Stocks of petroleum products decreased by 2.6 per cent during March and at the end of the month were 2.8 per cent lower than at the end of March 1991. Stocks of crude oil and refinery process oils fell by 3.4 per cent during March, and at the end of the month were 11.9 per cent lower than a year earlier.

ELECTRICITY (Tables 17 to 22)

Electricity supplied by the major generating companies in the period January to March 1992 was 2.5 per cent lower than a year earlier. Supplies in February 1991 were particularly high, as demand was affected by the very cold weather. The supply from conventional steam stations during the period January to March 1992 fell by 6.1 per cent, but supply from nuclear plant rose by 8.6 per cent due largely to improved performance by Nuclear Electric's Advanced Gas-cooled Reactors

(AGRs). When imports and electricity available from other UK sources are included, total electricity available through the public distribution system fell by 2.2 per cent when compared with the corresponding period a year earlier.

Fuel used by the major generating companies in the first quarter of 1992 fell by 2.8 per cent compared to the corresponding period a year ago. Consumption of oil and coal fell by 8.9 per cent and 6.3 per cent respectively.

FOREIGN TRADE (Table 24)

Provisional figures for the first quarter of 1992 show that, in value terms, total imports were 18.0 per cent lower than in the same quarter of 1991, whilst exports were 6.8 per cent lower. Overall, the United Kingdom was a net exporter of fuels, with a surplus, on a balance of payments basis (ie. 'fob' basis), of £25 million. This compares with a deficit of £171 million in the first quarter of 1991 when oil production was affected by safety work in the North Sea.

In volume terms, imports in the first quarter of 1992 were 1.9 per cent lower than a year ago and exports were 5.4 per cent higher. Overall the United Kingdom was a net importer of fuels with a shortfall equivalent to 3.4 million tonnes of oil. This compares with a shortfall of 4.8 million tonnes of oil equivalent in the first quarter of 1991.

PRICES (Tables 25 to 29)

This month's issue contains first quarter 1992 data for the domestic sector.

The current price index for fuel and light rose by 5 per cent between the first quarters of 1991 and 1992, and the index for petrol and oil rose by 7 per cent. The price indices for electricity, coal and coke, and gas increased by 11 per cent, 5 per cent and three per cent respectively and that for heating oils fell by 24 per cent. There was an estimated 6 per cent increase in the GDP (market prices) deflator. Hence, the deflated price index for all fuels for the first quarter of 1992 showed no change from the first quarter 1991 level. The deflated indices for heating oils, gas, and coal and coke fell by 28 per cent, two per cent and one per cent respectively compared with the same period a year earlier. The deflated index for petrol and oil rose by one per cent and that for electricity by 5 per cent.

Between mid-February 1992 and mid-March 1992, the prices of 4 star and unleaded motor spirit rose by about 2½p per litre and 2p per litre respectively, whilst the price of DERV rose by under 1p per litre. The prices of standard grade burning oil and gas oil showed small falls. The mid-March prices incorporate the new rates of duty announced in the Budget.

The crude oil price index shows that the average cost of crude oil acquired by refineries in March 1992 fell by a provisional 2.1 per cent from the February 1992 level.

The back page of this month's issue carries a supplementary article entitled 'Industrial Gas and Electricity Prices in the European Community'.

SUBSCRIPTION RENEWALS 1992

The 1992 subscription year started with the April issue and subscribers should now have received a letter inviting renewal for the 1992/93 financial year. The relevant form should be returned to the address shown on the document by 12 June 1992. Any subscriber who has not received such a letter should contact the Department at the address shown on the back page.

TOTAL ENERGY

TABLE 1. Indigenous production of primary fuels

Million tonnes of oil or oil equivalent

| | Total | Coal ¹ | Petroleum ^{2,3} | Natural gas ⁴ | Primary electricity | |
|-----------------|-------|-------------------|--------------------------|--------------------------|---------------------|--------------------|
| | | | | | Nuclear | Natural flow hydro |
| 1986 | 243.5 | 63.6 | 127.0 | 39.0 | 12.56 | 1.41 |
| 1987 | 238.4 | 61.4 | 123.3 | 40.8 | 11.67 | 1.23 |
| 1988 | 229.7 | 61.1 | 114.5 | 39.3 | 13.45 | 1.42 |
| 1989 | 206.4 | 59.5 | 91.8 | 38.3 | 15.35 | 1.38 |
| 1990 | 205.3 | 55.5 | 91.6 | 42.5 | 14.19 | 1.53 |
| 1991 p | 211.4 | 56.6 | 91.3 | 47.2 | 14.99 | 1.37 |
| Per cent change | +3.0 | +1.9 | -0.4 | +11.3 | +5.6 | -10.0 |
| 1991 Jan | 17.9 | 3.8 | 7.1 | 5.4 | 1.41 | 0.17 |
| Feb | 19.6 | 4.8 | 7.5 | 5.8 | 1.48 | 0.08 |
| Mar* | 21.9 | 6.0 | 8.7 | 5.6 | 1.45 | 0.15 |
| Total | 59.4 | 14.6 | 23.3 | 16.7 | 4.35 | 0.40 |
| 1992 Jan | 18.9 | 3.5 | 8.5 | 5.3 | 1.41 | 0.17 |
| Feb | 19.3 | 4.5 | 7.9 | 5.4 | 1.38 | 0.12 |
| Mar* p | 21.3 | 5.8 | 7.6 | 5.8 | 1.80 | 0.21 |
| Total | 59.5 | 13.9 | 24.0 | 16.4 | 4.58 | 0.51 |
| Per cent change | +0.2 | -4.9 | +3.1 | -1.5 | +5.2 | +26.0 |

1. Includes an estimate for slurry, etc recovered and disposed of otherwise than by the British Coal Corporation (BCC). 2. Calendar months. 3. Crude oil, offshore and land, plus condensates and petroleum gases derived at onshore treatment plants. 4. Including colliery methane. Excluding gas flared or re-injected.

TABLE 2. Inland energy consumption: primary fuel input basis

Million tonnes of oil or oil equivalent

| | Primary electricity | | | | | | | Primary electricity | | | | | | | |
|---------------------------|---------------------|---------------------|------------------------|--------------------------|---------------------|---------------------------------|-------------|--|---------------------|------------------------|--------------------------|---------------------|---------------------------------|-------------|--|
| | Total | Coal ^{1,2} | Petroleum ³ | Natural gas ⁴ | Primary electricity | | | Total | Coal ^{1,2} | Petroleum ³ | Natural gas ⁴ | Primary electricity | | | |
| | | | | | Nuclear | Natural flow hydro ⁵ | Net imports | | | | | Nuclear | Natural flow hydro ⁵ | Net imports | |
| Unadjusted ⁶ | | | | | | | | Seasonally adjusted and temperature corrected ⁷ (annualised rates) ⁸ | | | | | | | |
| 1986 | 197.2 | 66.8 | 66.2 | 49.2 | 12.56 | 1.41 | 1.02 | 193.1 | 65.1 | 65.1 | 48.0 | 12.56 | 1.41 | 1.02 | |
| 1987 | 198.9 | 68.3 | 64.3 | 50.5 | 11.67 | 1.23 | 2.79 | 196.1 | 67.2 | 63.5 | 49.6 | 11.67 | 1.23 | 2.79 | |
| 1988 | 200.1 | 65.9 | 68.3 | 47.9 | 13.45 | 1.42 | 3.08 | 201.9 | 65.9 | 68.3 | 49.7 | 13.45 | 1.42 | 3.08 | |
| 1989 | 200.2 | 63.6 | 69.5 | 47.4 | 15.35 | 1.38 | 3.03 | 204.9 | 64.5 | 70.2 | 50.5 | 15.35 | 1.38 | 3.03 | |
| 1990 | 202.5 | 63.7 | 71.3 | 49.0 | 14.19 | 1.53 | 2.87 | 209.2 | 64.9 | 73.2 | 52.4 | 14.19 | 1.53 | 2.87 | |
| 1991 p | 206.9 | 63.2 | 70.7 | 52.7 | 14.99 | 1.37 | 3.94 | 207.1 | 63.5 | 71.1 | 52.2 | 14.99 | 1.37 | 3.94 | |
| Per cent change | +2.2 | -0.7 | -0.9 | +7.6 | +5.6 | -10.1 | +37.3 | -1.0 | -2.2 | -3.0 | -0.3 | +5.6 | -10.1 | +37.3 | |
| 1991 Jan Feb Mar* | 19.5 | 5.7 | 5.5 | 6.3 | 1.41 | 0.17 | 0.32 | 212.8 | 65.8 | 70.9 | 55.3 | 15.27 | 1.41 | 4.11 | |
| | 20.6 | 5.9 | 5.8 | 6.9 | 1.48 | 0.08 | 0.32 | 206.9 | 60.8 | 69.4 | 53.3 | 17.95 | 1.34 | 4.11 | |
| | 21.0 | 6.6 | 6.4 | 5.9 | 1.45 | 0.15 | 0.40 | 204.8 | 65.7 | 66.1 | 52.9 | 14.61 | 1.30 | 4.13 | |
| Total Average | 61.0 | 18.3 | 17.7 | 19.2 | 4.35 | 0.40 | 1.03 | 208.2 | 64.1 | 68.8 | 53.8 | 15.94 | 1.35 | 4.12 | |
| 1992 Jan Feb Mar* p | 18.7 | 5.3 | 5.5 | 6.0 | 1.40 | 0.17 | 0.32 | 204.4 | 60.2 | 71.4 | 51.9 | 15.30 | 1.40 | 4.15 | |
| | 19.0 | 5.5 | 5.6 | 6.1 | 1.38 | 0.12 | 0.32 | 206.2 | 60.9 | 72.7 | 52.5 | 14.58 | 1.38 | 4.15 | |
| | 21.7 | 6.1 | 6.9 | 6.3 | 1.79 | 0.21 | 0.40 | 208.1 | 59.4 | 69.6 | 54.6 | 18.97 | 1.40 | 4.14 | |
| Total Average | 59.4 | 16.9 | 18.0 | 18.4 | 4.58 | 0.51 | 1.04 | 206.2 | 60.2 | 71.2 | 53.0 | 16.28 | 1.39 | 4.14 | |
| Per cent change | -2.7 | -7.8 | +1.7 | -4.4 | +5.3 | +26.0 | +0.5 | -1.0 | -6.2 | +3.5 | -1.6 | +2.1 | +3.0 | +0.6 | |

1. Consumption by fuel producers plus disposals (including imports) to final users, plus (for annual unadjusted figures only) net foreign trade and stock change in other solid fuels. 2. See Technical Note on Statistical Calendar in June 1990 edition. 3. Inland deliveries for energy use plus refinery fuel and losses minus the differences between deliveries and actual consumption at power stations and gas works. 4. Including non-energy use and excluding gas flared or re-injected. 5. Excludes generation from pumped storage stations. 6. Not seasonally adjusted or temperature corrected. 7. Coal, petroleum and natural gas are temperature corrected. 8. For hydro the estimated annual out-turn.

NOTES TO TABLES

Figures for the latest periods and the corresponding averages or totals are provisional and are liable to subsequent revision.

The figures have not been adjusted for temperature or seasonal factors except where noted in Tables 2 and 27. Due to rounding the sum of the constituent items may not equal the totals.

Percentage changes relate to the corresponding period a year ago. They are calculated from unrounded figures but are shown only as (+) or (-) when the percentage change is very large. These comparisons can be affected by calendar differences.

Monthly figures relate to four week periods except where otherwise indicated. Figures in the Petroleum section relate to calendar months.

All figures relate to the United Kingdom unless otherwise indicated.

Approximate conversion factors are shown after Table 23. Definitions and abbreviations are shown below Table 29.

Symbols used in the tables

- .. not available
- Nil or less than half the final digit shown
- * five-week period
- p provisional
- r revised
- e estimated; totals of which the figures form a constituent part are therefore partly estimated.

TABLE 3. Supply and use of fuels

Million therms

| | | | Per cent change | 1990 | | | | 1991p | | | | Per cent change |
|---|--------|--------|-----------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|------------------|-----------------------|
| | 1990 | 1991p | | 1st quarter | 2nd quarter | 3rd quarter | 4th quarter | 1st quarter | 2nd quarter | 3rd quarter | 4th quarter p | |
| PRIMARY FUELS AND EQUIVALENTS | | | | | | | | | | | | |
| Production of primary fuels | | | | | | | | | | | | |
| Coal | 22,798 | 22,816 | +0.1 | 5,939 | 5,740 | 5,572 | 5,545 | 5,902 | 5,927 | 5,352 | 5,635 | +1.6 |
| Petroleum ¹ | 39,836 | 39,730 | -0.3 | 10,527 | 10,416 | 9,074 | 9,819 | 10,123 | 8,276 | 10,331 | 10,999 | +12.0 |
| Natural gas ² | 18,042 | 20,076 | +11.3 | 6,064 | 3,711 | 2,421 | 5,846 | 7,111 | 4,333 | 2,423 | 6,209 | +6.2 |
| Primary electricity | 6,145 | 6,535 | +6.3 | 1,739 | 1,400 | 1,359 | 1,647 | 1,898 | 1,402 | 1,522 | 1,712 | +3.9 |
| Total | 86,821 | 89,156 | +2.7 | 24,269 | 21,267 | 18,426 | 22,857 | 25,035 | 19,938 | 19,629 | 24,555 | +7.4 |
| Arrivals, Petroleum ³ | | | | | | | | | | | | |
| Other | 27,547 | 29,092 | +5.6 | 7,348 | 6,964 | 7,245 | 5,987 | 6,850 | 7,854 | 7,206 | 7,182 | +20.0 |
| | 8,163 | 9,668 | +18.4 | 2,019 | 1,930 | 1,757 | 2,455 | 2,742 | 2,394 | 2,137 | 2,395 | -2.4 |
| Shipments | | | | | | | | | | | | |
| Marine Bunkers | 32,090 | 32,790 | +2.2 | 8,797 | 8,298 | 7,185 | 7,820 | 7,614 | 7,478 | 8,558 | 9,140 | +13.0 |
| | 1,058 | 1,039 | -1.8 | 249 | 287 | 276 | 246 | 214 | 298 | 283 | 243 | -1.1 |
| Stock changes ⁴ | | | | | | | | | | | | |
| Solid fuels | +391 | 1,291 | | +1,185 | -583 | -562 | +349 | +381 | -829 | -972 | +129 | |
| Crude Petroleum | +196 | -132 | | -324 | +190 | -57 | +387 | -369 | +175 | +129 | -67 | |
| Petroleum products | -68 | -137 | | +77 | -120 | -148 | +123 | -160 | +108 | -119 | +34 | |
| Natural gas | +46 | -101 | | +33 | -50 | -59 | +120 | +289 | -300 | -114 | +23 | |
| Non-energy use | 3,968 | 4,337 | +9.3 | 1,075 | 951 | 1,027 | 917 | 1,010 | 1,108 | 1,141 | 1,078 | +17.6 |
| Statistical difference ⁵ | -3 | -390 | | +495 | -240 | -15 | -234 | -90 | -86 | -244 | +29 | |
| Total primary energy input ⁶ | 85,968 | 87,844 | +2.2 | 24,981 | 19,822 | 18,099 | 23,061 | 25,863 | 20,365 | 17,804 | 23,811 | +3.3 |
| Conversion losses etc. ⁷ | 26,366 | 26,542 | +0.7 | 7,782 | 6,123 | 5,798 | 6,660 | 7,709 | 6,194 | 5,750 | 6,889 | -3.4 |
| Final energy consumption ⁸ | 59,602 | 61,302 | +2.9 | 17,199 | 13,699 | 12,301 | 16,401 | 18,154 | 14,172 | 12,054 | 16,921 | +3.2 |
| FINAL CONSUMPTION BY USER ⁸ | | | | | | | | | | | | |
| Iron and steel industry | | | | | | | | | | | | |
| Coal | 4 | 2 | -50.0 | 1 | 1 | 1 | 1 | 1 | 1 | — | 1 | -50.0 |
| Other solid fuel ⁹ | 1,690 | 1,646 | -2.6 | 440 | 429 | 404 | 417 | 430 | 425 | 376 | 415 | -0.5 |
| Coke oven gas | 270 | 253 | -6.3 | 67 | 67 | 67 | 67 | 65 | 64 | 63 | 61 | -9.0 |
| Gas ¹⁰ | 465 | 407 | -12.5 | 132 | 116 | 94 | 123 | 128 | 109 | 75 | 95 | -22.8 |
| Electricity | 268 | 262 | -2.2 | 70 | 69 | 64 | 66 | 71 | 66 | 63 | 63 | -4.6 |
| Petroleum | 322 | 325 | +0.9 | 78 | 95 | 98 | 50 | 71 | 93 | 79 | 82 | +64.0 |
| Total | 3,019 | 2,896 | -4.1 | 788 | 777 | 728 | 724 | 765 | 757 | 656 | 717 | -1.0 |
| Other industries | | | | | | | | | | | | |
| Coal | 1,938 | 1,847 | -4.7 | 531 | 506 | 445 | 455 | 555 | 448 | 410 | 433 | -4.8 |
| Other solid fuel ⁹ | 88 | 52 | -40.9 | 23 | 22 | 19 | 23 | 15 | 6 | 12 | 18 | -4.2 |
| Coke oven gas | 19 | 19 | — | 7 | 6 | 3 | 3 | 7 | 6 | 3 | 3 | — |
| Gas ¹⁰ | 5,249 | 5,064 | -2.7 | 1,583 | 1,152 | 1,006 | 1,508 | 1,553 | 1,167 | 954 | 1,390 | -7.8 |
| Electricity | 2,830 | 2,756 | -2.6 | 716 | 701 | 676 | 738 | 725 | 658 | 669 | 704 | -4.6 |
| Petroleum | 3,209 | 3,422 | +6.6 | 909 | 786 | 725 | 790 | 973 | 810 | 738 | 901 | +13.9 |
| Total | 13,333 | 13,160 | -1.3 | 3,769 | 3,172 | 2,873 | 3,517 | 3,829 | 3,095 | 2,786 | 3,450 | -1.9 |
| Transport sector | | | | | | | | | | | | |
| Coal and other solid fuel | 1 | 1 | — | — | — | — | — | 1 | — | — | — | — |
| Electricity ¹¹ | 199 | 205 | +3.0 | 53 | 48 | 47 | 51 | 54 | 51 | 47 | 53 | +3.1 |
| Petroleum | 19,126 | 18,863 | -1.4 | 4,617 | 4,856 | 4,968 | 4,687 | 4,406 | 4,708 | 4,969 | 4,781 | +2.0 |
| Total | 19,326 | 19,069 | -1.3 | 4,670 | 4,904 | 5,015 | 4,738 | 4,461 | 4,759 | 5,016 | 4,834 | +2.0 |
| Domestic sector | | | | | | | | | | | | |
| Coal | 1,363 | 1,686 | +23.7 | 376 | 361 | 306 | 320 | 533 | 414 | 378 | 361 | +12.8 |
| Other solid fuel ⁹ | 398 | 391 | -1.8 | 108 | 105 | 100 | 85 | 110 | 106 | 93 | 82 | -3.5 |
| Gas ¹⁰ | 10,251 | 11,395 | +11.2 | 3,742 | 1,827 | 1,098 | 3,584 | 4,332 | 2,253 | 996 | 3,814 | +6.4 |
| Electricity | 3,200 | 3,374 | +5.4 | 967 | 688 | 608 | 937 | 1,050 | 749 | 608 | 967 | +3.2 |
| Petroleum | 989 | 1,092 | +10.4 | 303 | 203 | 217 | 267 | 339 | 228 | 200 | 325 | +21.5 |
| Total | 16,201 | 17,938 | +10.7 | 5,496 | 3,184 | 2,329 | 5,193 | 6,364 | 3,749 | 2,275 | 5,548 | +6.8 |
| Other final users ¹² | | | | | | | | | | | | |
| Coal | 315 | 297 | -5.7 | 105 | 79 | 56 | 76 | 90 | 63 | 54 | 89 | +16.8 |
| Other solid fuel ⁹ | 108 | 75 | -30.6 | 28 | 31 | 27 | 22 | 24 | 23 | 14 | 14 | -36.4 |
| Gas ¹⁰ | 2,998 | 3,452 | +15.1 | 1,106 | 580 | 340 | 972 | 1,329 | 714 | 329 | 1,080 | +11.1 |
| Electricity | 2,552 | 2,643 | +3.6 | 709 | 579 | 573 | 691 | 728 | 616 | 584 | 715 | +3.4 |
| Petroleum | 1,750 | 1,771 | +1.2 | 528 | 393 | 360 | 468 | 564 | 395 | 339 | 473 | +1.1 |
| Total | 7,723 | 8,238 | +6.7 | 2,476 | 1,662 | 1,356 | 2,229 | 2,735 | 1,812 | 1,320 | 2,372 | +6.4 |
| Total final users | 59,602 | 61,302 | +2.9 | 17,199 | 13,699 | 12,301 | 16,401 | 18,154 | 14,172 | 12,054 | 16,921 | +3.2 |
| FINAL CONSUMPTION BY FUEL ⁸ | | | | | | | | | | | | |
| Coal | 3,619 | 3,833 | +5.9 | 1,021 | 947 | 807 | 858 | 1,180 | 926 | 843 | 884 | +3.0 |
| Other solid fuel ⁹ | 2,285 | 2,165 | -5.3 | 599 | 586 | 548 | 547 | 580 | 561 | 495 | 529 | -3.3 |
| Coke oven gas | 289 | 272 | -5.9 | 74 | 73 | 71 | 71 | 72 | 70 | 66 | 64 | -9.9 |
| Gas ¹⁰ | 18,963 | 20,318 | +7.1 | 6,563 | 3,676 | 2,540 | 6,187 | 7,432 | 4,243 | 2,354 | 6,379 | +3.1 |
| Electricity | 9,051 | 9,241 | +2.1 | 2,515 | 2,085 | 1,968 | 2,483 | 2,627 | 2,139 | 1,972 | 2,502 | +0.8 |
| Petroleum | 25,397 | 25,474 | +0.3 | 6,435 | 6,333 | 6,368 | 6,262 | 6,353 | 6,234 | 6,325 | 6,562 | +4.8 |
| Total all fuels | 59,602 | 61,302 | +2.9 | 17,199 | 13,699 | 12,301 | 16,401 | 18,154 | 14,172 | 12,054 | 16,921 | +3.2 |

1. Crude petroleum and natural gas liquids. Annual data include extended well-test production. 2. Excluding gas flared or re-injected. 3. Crude petroleum, process oils and petroleum products. 4. Stock fall (+) and stock rise (-). 5. Supply greater than recorded demand (—). 6. Thermal equivalent of total inland energy consumption in Table 2. A more detailed analysis of the 1990 figures is shown in the Digest of United Kingdom Energy Statistics 1991 Tables 4 and 5. 7. Losses in conversion and distribution and used by fuel industries. 8. Deliveries, except for natural gas, electricity and iron and steel industry use of solid fuels. 9. Coke and other manufactured solid fuels. 10. Includes colliery methane. Also includes non-energy use of natural gas. 11. Data prior to 1st quarter 1990 relates to use for traction only. From 1st quarter 1990, data includes use in transport-related premises, eg. airports, warehouses, etc. 12. Mainly public administration, commerce and agriculture.

COAL

TABLE 4. Coal production, foreign trade and deep-mined tonnage lost

Thousand tonnes

| | Production | | | | Tonnage lost (deep-mined) ^{2,5} | | | |
|-----------------|----------------------|------------|----------|-------------|--|------------------------|-----------------------------------|----------|
| | Total ^{1,2} | Deep-mined | Opencast | Net imports | Imports ³ | Shipments ⁴ | Recognised holidays and rest days | Disputes |
| 1986 | 108,099 | 90,366 | 14,275 | +7,877 | 10,554 | 2,677 | 9,643 | 893 |
| 1987 | 104,533 | 85,957 | 15,786 | +7,428 | 9,781 | 2,353 | 9,799 | 1,724 |
| 1988 | 104,066 | 83,762 | 17,899 | +9,864 | 11,685 | 1,822 | 9,153 | 3,633 |
| 1989 | 101,135 | 79,628 | 18,657 | +10,088 | 12,137 | 2,049 | 7,593 | 506 |
| 1990 | 94,397 | 72,899 | 18,134 | +12,250 | 14,783 | 2,533 | 4,557 | 410 |
| 1991 p | 96,144 | 73,357 | 18,620 | +17,818 | 19,490 | 1,672 | 3,467 | 269 |
| Per cent change | +1.9 | +0.6 | +2.7 | | +31.8 | -34.0 | -23.9 | -34.4 |
| 1991 Jan | 6,472 | 5,288 | 1,034 | +1,566 | 1,686 | 120 | 651 | 16 |
| Feb | 8,193 | 6,357 | 1,499 | +1,678 | 1,788 | 111 | 0 | 3 |
| Mar* | 10,196 | 7,999 | 1,902 | +1,699 | 1,906 | 206 | 75 | 8 |
| Total | 24,861 | 19,644 | 4,435 | +4,943 | 5,380 | 437 | 726 | 26 |
| 1992 Jan | 6,019 | 4,844 | 1,046 | +2,045 | 2,105 | 59 | 603 | 24 |
| Feb | 7,697 | 5,921 | 1,505 | +1,621 | 1,699 | 79 | 0 | 0 |
| Mar* p | 9,936 | 7,632 | 1,939 | +1,992 | 2,042 | 50 | 0 | 34 |
| Total | 23,651 | 18,397 | 4,490 | +5,658 | 5,846 | 188 | 603 | 58 |
| Per cent change | -4.9 | -6.3 | +1.2 | | +8.7 | -57.0 | -16.9 | (+) |

1. Includes an estimate for slurry, etc., recovered and disposed of otherwise than by BCC. 2. See the Technical Note on Statistical Calendar in December 1991 edition. 3. As recorded in the Overseas Trade Statistics of the United Kingdom (OTS). 4. Shipments as recorded by BCC; the figures may differ from those published in OTS. 5. BCC only.

TABLE 5. Inland coal use

Thousand tonnes

| | Fuel producers (consumption) | | | | | Final users (disposals by collieries and opencast sites) | | | |
|-----------------|------------------------------|------------|-----------------------------|------------|--|--|---------------------------|--------------------|--------------------|
| | Primary | | Secondary | | | Domestic | | | |
| | Total ¹ | Collieries | Power stations ² | Coke ovens | Other ³ conversion industries | Industry ⁴ | House coal ^{4,5} | Other ⁶ | Other ⁷ |
| 1986 | 114,234 | 306 | 82,652 | 11,122 | 1,959 | 8,170 | 6,989 | 1,537 | 1,500 |
| 1987 | 115,894 | 235 | 86,176 | 10,859 | 2,052 | 7,986 | 5,685 | 1,475 | 1,425 |
| 1988 | 111,498 | 196 | 82,465 | 10,902 | 2,006 | 8,083 | 5,112 | 1,469 | 1,265 |
| 1989 | 107,581 | 146 | 80,633 | 10,792 | 1,717 | 7,514 | 4,344 | 1,368 | 1,066 |
| 1990 | 108,256 | 117 | 82,555 | 10,852 | 1,544 | 7,356 | 3,372 | 1,250 | 1,211 |
| 1991 p | 107,482 | 112 | 82,021 | 10,011 | 1,501 | 6,994 | 3,959 | 1,741 | 1,144 |
| Per cent change | -0.7 | -4.5 | -0.6 | -7.8 | -2.7 | -4.9 | +17.4 | +39.3 | -5.6 |
| 1991 Jan | 9,746 | 11 | 7,495 | 796 | 116 | 630 | 438 | 153 | 109 |
| Feb | 10,043 | 12 | 7,636 | 784 | 124 | 696 | 545 | 125 | 120 |
| Mar* | 11,300 | 13 | 8,708 | 970 | 158 | 778 | 412 | 144 | 119 |
| Total | 31,089 | 35 | 23,839 | 2,550 | 398 | 2,104 | 1,395 | 421 | 347 |
| 1992 Jan | 8,949 | 9 | 6,864 | 751 r | 105 | 566 | 427 | 123 | 104 |
| Feb | 9,392 r | 11 | 7,364 | 758 r | 99 | 556 | 381 | 106 | 118 |
| Mar* p | 10,316 | 10 | 8,118 | 923 | 103 | 612 | 327 | 94 | 131 |
| Total | 28,657 | 30 | 22,346 | 2,431 | 307 | 1,734 | 1,135 | 322 | 352 |
| Per cent change | -7.8 | -16.0 | -6.3 | -4.7 | -22.8 | -17.6 | -18.6 | -23.5 | +1.4 |

1. See the Technical Note on Statistical Calendar in December 1991 edition. 2. Coal-fired power stations belonging to major electricity generating companies (see definitions below Table 29). 3. Low temperature carbonisation and patent fuel plants. 4. Includes estimated proportion of total imports. 5. Including miners' coal. 6. Anthracite, dry steam coal and imported naturally smokeless fuels. 7. Includes public administration and commerce.

TABLE 6. Stocks of coal¹ at end of period: Great Britain

Thousand tonnes

| | Distributed | | | | | Undistributed | | |
|--|------------------|--------------------------|----------------|------------|-----------|----------------------------|---------------|----------------|
| | Total | Total distributed stocks | Power stations | Coke ovens | Other | Total undistributed stocks | Collieries | Opencast sites |
| 1986 | 38,481 | 29,776 | 27,983 | 1,619 | 175 | 8,704 | 5,996 | 2,708 |
| 1987 | 33,157 | 27,015 | 25,292 | 1,550 | 173 | 6,142 | 4,903 | 1,239 |
| 1988 | 35,999 | 28,667 | 27,004 | 1,512 | 150 | 7,332 | 5,621 | 1,710 |
| 1989 | 39,083 | 29,030 | 27,351 | 1,566 | 113 | 10,053 | 6,872 | 3,182 |
| 1990 | 37,553 | 28,540 | 26,905 | 1,564 | 70 | 9,013 | 5,980 | 3,033 |
| 1991 p | 43,129 | 32,151 | 30,456 | 1,631 | 65 | 10,977 | 8,764 | 2,214 |
| 1991 Jan | 35,944 | 27,726 | 26,240 | 1,423 | 63 | 8,218 | 5,608 | 2,610 |
| Feb | 35,570 | 27,361 | 25,938 | 1,360 | 64 | 8,209 | 5,661 | 2,548 |
| Mar | 36,101 | 27,776 | 26,250 | 1,468 | 57 | 8,325 | 6,108 | 2,218 |
| 1992 Jan | 41,889 | 31,391 | 29,840 | 1,504 | 48 | 10,497 | 8,446 | 2,052 |
| Feb | 41,803 | 31,429 | 30,012 | 1,375 | 42 | 10,375 | 8,220 | 2,155 |
| Mar* p | 43,028 | 32,374 | 30,907 | 1,402 | 64 | 10,655 | 8,300 | 2,354 |
| Absolute change: in latest month on a year ago | +1,225 +6,927 | +945 +4,598 | +895 +4,657 | +27 -66 | +23 +7 | +280 +2,329 | +80 +2,193 | +200 +137 |

1. Excluding distributed stocks held in merchants' yards, etc., mainly for the domestic market, and stocks held by the industrial sector.

TABLE 7. Colliery manpower and productivity at BCC mines

| | Wage earners on colliery books | | | | Absence percentage | | | Average output per manshift worked ⁴ | | |
|-----------------|--------------------------------|--------------------------|-------------|---------|--------------------|------------------------|--------------------------|---|-------|-------------------------|
| | Total ¹ | Underground ¹ | Recruitment | Wastage | Total | Voluntary ² | Involuntary ³ | Overall | Total | Production ⁵ |
| | Thousands | | Number | | Per cent | | | Tonnes | | |
| 1986 | 119 | 98 | 1,401 | 30,617 | 10.8 | 3.6 | 7.2 | 3.15 | 3.92 | 13.82 |
| 1987 | 102 | 85 | 2,514 | 19,067 | 10.1 ⁶ | 3.5 | 6.6 ⁶ | 3.59 | 4.42 | 15.81 |
| 1988 | 86 | 72 | 625 | 17,061 | 9.1 ⁶ | 3.1 | 6.0 ⁶ | 3.97 | 4.85 | 18.25 |
| 1989 | 66 | 56 | 761 | 20,509 | 8.8 ⁶ | 3.1 | 5.7 ⁶ | 4.33 | 5.21 | 20.41 |
| 1990 | 59 | 50 | 712 | 7,279 | 8.3 ⁶ | 3.0 | 5.3 ⁶ | 4.53 | 5.40 | 21.86 |
| 1991 p | 49 ⁷ | 42 ⁷ | 1,098 | 11,228 | 7.8 ⁶ | 2.8 | 5.0 ⁶ | 5.11 | 6.08 | 24.66 |
| Per cent change | -17.0 | -16.1 | +54.2 | +54.3 | | | | +13.0 | +12.6 | +12.8 |
| 1991 Jan | 59 | 50 | 235 | 852 | 8.1 | 3.3 | 4.8 | 4.52 | 5.37 | 21.79 |
| Feb | 58 | 49 | 123 | 1,222 | 9.6 | 3.7 | 5.9 | 5.06 | 5.99 | 23.68 |
| Mar | 57 | 48 | 176 | 682 | 9.0 | 3.3 | 5.7 | 5.22 | 6.19 | 25.00 |
| 1992 Jan | 48 | 41 | 10 | 1,276 | 7.5 | 3.1 | 4.4 | 5.29 | 6.27 | 28.06 |
| Feb | 46 | 40 | 20 | 2,202 | 8.0 | 2.9 | 5.1 | 5.74 | 6.77 | 29.03 |
| Mar* p | 44 | 38 | 52 | 2,193 | 7.8 | 2.8 | 5.0 | 6.17 | 7.25 | 30.20 |

1. At the end of period. 2. Absence for which no reason has been given (ie excludes absence through industrial disputes). 3. Absence mainly for sickness or injury. 4. Saleable deep-mined revenue coal. 5. Output from production faces divided by production manshifts. 6. From July 1987 the priority given to sickness over holidays when recording the causes of non-deployment has been reversed. This will tend to reduce the calculated absence percentage, particularly during the summer months. 7. Average numbers during 1991 were as follows: Total 55 thousand (-12.5 per cent compared with 1990) Underground 47 thousand (-11.9 per cent compared with 1990).

GAS

TABLE 8. Sources of supply and gas sent out

| Natural gas supply | | | | | | |
|--------------------------|----------------|----------|---------------------|----------|----------------|---------------------------|
| Source | | | | | | Gas sent out ¹ |
| Gas input ^{1,2} | Indigenous | Imported | Indigenous | Imported | | |
| | Million therms | | Percentage of total | | Million therms | |
| 1986 | 19,871 | 15,188 | 4,683 | 76.4 | 23.6 | 19,370 |
| 1987 | 20,319 | 15,904 | 4,416 | 78.3 | 21.7 | 19,935 |
| 1988 | 19,211 | 15,314 | 3,897 | 79.7 | 20.3 | 18,783 |
| 1989 | 18,976 | 15,095 | 3,882 | 79.5 | 20.5 | 18,748 |
| 1990 | 19,404 | 16,674 | 2,730 | 85.9 | 14.1 | 19,382 |
| 1991 p | 21,257 | 18,845 e | 2,413 e | 88.7 e | 11.3 e | 20,974 |
| Per cent change | +9.5 | +13.0 e | -11.6 e | | | +8.2 |
| 1991 Jan | 2,404 | 2,169 | 235 | 90.2 | 9.8 | 2,577 |
| Feb | 2,578 | 2,333 | 244 | 90.5 | 9.5 | 2,820 |
| Mar | 2,549 | 2,255 | 294 | 88.5 | 11.5 | 2,404 |
| Total | 7,531 | 6,757 | 773 | 89.7 | 10.3 | 7,801 |
| 1992 Jan | 2,351 | 2,134 e | 217 e | 90.8 e | 9.2 e | 2,389 r |
| Feb | 2,385 | 2,154 e | 231 e | 90.3 e | 9.7 e | 2,467 |
| Mar p | 2,563 | 2,335 | 228 | 91.1 | 8.9 | 2,539 |
| Total | 7,299 | 6,623 e | 676 e | 90.7 e | 9.3 e | 7,395 |
| Per cent change | -3.1 | -2.0 e | -12.6 e | | | -5.2 |

1. Figures include third party carriage gas. 2. Figures differ from **Gas sent out** because of stock changes and the inclusion of small quantities of Substitute natural gas and Town gas in **Gas sent out**. They include gas put to storage, but to avoid double counting, exclude gas withdrawn from storage to the system. The figures also differ from total consumption (expressed in oil equivalent in Table 2) because they exclude producers' own use and losses.

TABLE 9. Gas sales

Million therms

| | Total ¹ | Power stations ² | Iron and steel industry | Other industries | Domestic | Other ³ |
|------------------|--------------------|-----------------------------|-------------------------|------------------|----------|--------------------|
| 1986 | 18,497 | 75 | 419 | 4,853 | 10,242 | 2,908 |
| 1987 | 19,373 | 79 | 468 | 5,335 | 10,500 | 2,990 |
| 1988 | 18,639 | 83 | 449 | 4,856 | 10,254 | 2,996 |
| 1989 | 18,349 | 82 | 471 | 4,964 | 9,914 | 2,919 |
| 1990 | 18,928 | 88 | 465 | 5,126 | 10,250 | 2,999 |
| 1991 p | 20,294 | 84 | 407 | 4,955 | 11,395 | 3,453 |
| Per cent change | +7.2 | -4.5 | -12.5 | -3.3 | +11.2 | +15.1 |
| 1989 4th quarter | 5,805 | 21 | 130 | 1,417 | 3,305 | 933 |
| 1990 1st quarter | 6,558 | 22 | 132 | 1,555 r | 3,742 | 1,106 |
| 2nd quarter | 3,666 | 22 | 116 | 1,122 | 1,827 | 580 |
| 3rd quarter | 2,525 | 21 | 94 | 973 | 1,098 | 340 |
| 4th quarter | 6,178 | 22 | 123 | 1,476 | 3,584 | 972 |
| 1991 1st quarter | 7,318 | 22 | 128 | 1,508 | 4,332 | 1,329 |
| 2nd quarter | 4,211 | 21 | 109 | 1,114 | 2,253 | 714 |
| 3rd quarter | 2,357 | 19 | 75 | 937 | 996 | 329 |
| 4th quarter p | 6,408 | 22 | 95 | 1,397 | 3,814 | 1,080 |
| Per cent change | +3.7 | — | -22.8 | -5.4 | +6.4 | +11.1 |

1. Includes sales to the non-tariff sector by independent gas suppliers. 2. Power stations belonging to major generating companies (see definitions below Table 29) and transport undertakings. 3. Public administration, commerce and agriculture.

PETROLEUM

TABLE 10. Drilling Activity¹

Number of wells started

| | Offshore | | | | Onshore | |
|------------------|-------------|-----------|-------------------------|--------------------------|-------------------------|--------------------------|
| | Exploration | Appraisal | Exploration & appraisal | Development ² | Exploration & appraisal | Development ² |
| 1986 | 77 | 46 | 123 | 96 | 55 | 13 |
| 1987 | 75 | 72 | 147 | 138 | 38 | 2 |
| 1988 | 93 | 84 | 177 | 166 | 19 | 30 |
| 1989 | 94 | 89 | 183 | 154 | 17 | 28 |
| 1990 | 159 | 65 | 224 | 124 | 13 | 23 |
| 1991 | 107 | 79 | 186 | 144 | 11 | 3 |
| Per cent change | -32.7 | +21.5 | -17.0 | +16.1 | -15.4 | -87.0 |
| 1991 1st quarter | 36 | 21 r | 57 r | 32 | 2 | 2 |
| 2nd quarter | 28 | 22 r | 50 r | 37 | 3 | — |
| 3rd quarter | 22 | 16 | 38 | 37 | 2 | — |
| 4th quarter | 21 | 20 | 41 | 38 | 4 | 1 |
| 1992 1st quarter | 11 | 17 | 28 | 35 | 5 | 2 |
| Per cent change | -69.5 | -19.1 | -50.8 | +9.4 | (+) | — |

1. Including sidetracked wells. 2. Development wells are production and appraisal wells drilled after development approval has been granted.

TABLE 11. Value of, and investment in, UKCS oil and gas production

£ million

| | Total income ¹ | Operating costs | Exploration expenditure | Gross trading profits ² (net of stock appreciation) | Percentage contribution to GDP ³ | Capital investment | Percentage contribution to industrial investment ⁴ |
|------------------|---------------------------|-----------------|-------------------------|--|---|--------------------|---|
| 1986 | 11,947 | 2,144 | 1,042 | 8,202 | 2.5 | 2,574 | 16 |
| 1987 | 12,610 | 2,107 | 816 | 9,510 | 2.7 | 2,041 | 12 |
| 1988 | 10,387 | 2,061 | 1,129 | 6,884 | 1.7 | 2,136 | 11 |
| 1989 | 10,385 | 2,330 | 1,182 | 6,583 | 1.5 | 2,705 | 12 |
| 1990 | 12,024 | 2,892 | 1,637 | 7,040 | 1.5 | 3,560 | 14 |
| 1991 | 11,918 | 3,282 | 1,955 | 6,266 | 1.3 | 5,118 | 21 |
| Per cent change | -0.9 | +13.5 | +19.4 | -11.0 | | +43.8 | |
| 1990 1st quarter | 3,252 | 641 | 287 | 2,240 | 2.0 | 769 | 12 |
| 2nd quarter | 2,439 | 713 | 385 | 1,293 | 1.1 | 899 | 15 |
| 3rd quarter | 2,706 | 708 | 425 | 1,306 | 1.1 | 966 | 16 |
| 4th quarter | 3,627 | 846 | 541 | 2,201 | 1.8 | 930 | 14 |
| 1991 1st quarter | 3,225 | 724 | 442 | 2,041 | 1.7 | 1,047 | 18 |
| 2nd quarter | 2,644 | 891 | 524 | 1,056 | 0.9 | 1,214 | 21 |
| 3rd quarter | 2,773 | 825 | 501 | 1,321 | 1.1 | 1,486 | 24 |
| 4th quarter | 3,276 | 842 | 488 | 1,848 | 1.5 | 1,371 | 21 |
| Per cent change | -9.7 | -0.5 | -9.8 | -16.0 | | +47.4 | |

1. Includes sales of crude oil, NGLs and natural gas plus other income associated with oil and gas production. 2. Net of stock appreciation. 3. GDP at factor cost. 4. Energy, water supply and the manufacturing sector.

TABLE 12. Indigenous production, refinery receipts, arrivals and shipments

| | Indigenous production ¹ | | | Refinery receipts | | | Foreign trade ⁶ | | | | | | |
|-----------------|------------------------------------|-----------|-------------------|-------------------------|--------------------|-----------------------------------|----------------------------|-----------|--------------|-----------|--------------------|-----------|----------------------|
| | | | | | | | Crude oil and NGLs | | Process oils | | Petroleum products | | |
| | Total | Crude oil | NGLs ² | Indigenous ³ | Other ⁴ | Net foreign arrivals ⁵ | Arrivals | Shipments | Arrivals | Shipments | Arrivals | Shipments | Bunkers ⁷ |
| | Million tonnes | | | | | | Thousand tonnes | | | | | | |
| 1986 | 127.0 | 121.2 | 5.8 | 38,780 | 1,006 | 39,880 | 30,844 | 83,660 | 10,365 | 1,316 | 11,767 | 17,726 | 2,091 |
| 1987 | 123.3 | 117.6 | 5.7 | 38,794 | 939 | 40,630 | 31,713 | 80,273 | 9,827 | 883 | 8,570 | 17,056 | 1,668 |
| 1988 | 114.4 | 109.4 | 5.0 | 40,582 | 730 | 42,613 | 34,495 | 70,274 | 9,777 | 1,658 | 9,219 | 17,176 | 1,831 |
| 1989 | 91.6 | 87.2 | 4.4 | 39,585 | 904 | 48,351 | 38,676 | 49,328 | 10,824 | 1,134 | 9,479 | 17,873 | 2,396 |
| 1990 | 91.6 | 88.0 | 3.6 | 37,754 | 916 | 51,065 | 42,074 | 54,131 | 10,636 | 1,769 | 11,005 | 18,002 | 2,538 |
| 1991 p | 91.3 | 86.8 | 4.4 | 36,346 | 772 | 55,406 | 45,386 | 52,565 | 11,284 | 1,237 | 10,095 r | 20,677 | 2,486 |
| Per cent change | -0.3 | -1.4 | +22.2 | -4.8 | -15.7 | +9.3 | +8.9 | -2.9 | +6.1 | -30.1 | -8.3 | +14.9 | -2.0 |
| 1991 Jan | 7.1 | 6.9 | 0.2 | 3,047 | 71 | 5,110 | 4,369 | 3,969 | 792 | 34 | 776 | 1,456 | 200 |
| Feb | 7.5 | 7.2 | 0.3 | 3,378 | 96 | 3,547 | 3,246 | 4,282 | 446 | 144 | 994 | 1,032 | 173 |
| Mar | 8.7 | 8.2 | 0.5 | 3,313 | 57 | 3,941 | 3,452 | 4,962 | 663 | 174 | 1,122 | 1,237 | 141 |
| Total | 23.3 | 22.3 | 1.0 | 9,737 | 225 | 12,598 | 11,068 | 13,213 | 1,900 | 351 | 2,892 | 3,725 | 514 |
| 1992 Jan | 8.5 | 8.0 | 0.5 | 2,984 | 13 | 4,160 | 3,497 | 5,037 | 947 | 284 | 797 | 1,580 | 198 |
| Feb | 7.9 | 7.4 | 0.4 | 3,528 | 66 | 3,709 | 2,962 | 4,096 | 823 | 76 | 896 | 1,379 | 160 |
| Mar p | 7.6 | 7.2 | 0.4 | 2,518 | 85 | 5,202 | 4,402 | 4,544 | 859 | 59 | 809 | 1,925 | 236 |
| Total | 24.0 | 22.6 | 1.4 | 9,030 | 165 | 13,071 | 10,862 | 13,677 | 2,629 | 419 | 2,502 | 4,883 | 594 |
| Per cent change | +3.0 | +1.3 | +40.0 | -7.3 | -26.7 | +3.8 | -1.9 | +3.5 | +38.4 | +19.4 | -13.5 | +31.1 | +15.6 |

1. Includes for convenience offshore and land production. 2. Condensates and petroleum gases derived at onshore treatment plants. 3. Crude oil plus NGLs. 4. Mainly recycled products (backflows to refineries). 5. Total arrivals less refinery shipments of crude oil, NGL's and process oils (ie partly refined oils). 6. Foreign trade recorded by the Petroleum Industry and may differ from figures published in the OTS. 7. International marine bunkers.

TABLE 13. Refinery throughput and output of petroleum products

Thousand tonnes

| | Throughput of crude and process oil | Refinery use | | Total ¹ output of petroleum products | Gases | | Naphtha (LDF) | Motor spirit | Kerosene | | | | | |
|-----------------|-------------------------------------|--------------|-----------------|---|--------------------|-----------------|---------------|--------------|-----------------------|-------------|----------------|----------|------------------|---------|
| | | Fuel | Losses/ (gains) | | Butane and propane | Other petroleum | | | Aviation turbine fuel | Burning oil | Gas/diesel oil | Fuel oil | Lubricating oils | Bitumen |
| 1986 | 80,155 | 5,404 | 622 | 74,089 | 1,328 | 93 | 2,652 | 23,360 | 5,813 | 2,147 | 22,409 | 12,523 | 909 | 1,887 |
| 1987 | 80,449 | 5,216 | 577 | 74,656 | 1,422 | 52 | 2,014 | 24,680 | 6,063 | 2,270 | 21,424 | 12,797 | 886 | 2,056 |
| 1988 | 85,662 | 5,484 | 340 | 79,837 | 1,580 | 68 | 1,856 | 26,409 | 6,725 | 2,289 | 23,925 | 12,495 | 970 | 2,295 |
| 1989 | 87,699 | 5,816 | 491 | 81,392 | 1,569 | 90 | 2,073 | 27,237 | 7,092 | 2,344 | 23,292 | 13,020 | 1,050 | 2,393 |
| 1990 | 88,692 | 5,838 | 568 | 82,286 | 1,514 | 106 | 2,139 | 26,724 | 7,541 | 2,309 | 23,402 | 13,805 | 974 | 2,454 |
| 1991 p | 92,001 | 6,058 | 467 | 85,476 | 1,664 | 134 | 2,515 | 27,793 | 7,037 | 2,446 | 26,057 | 13,205 | 973 | 2,302 |
| Per cent change | +3.7 | +3.8 | -17.8 | +3.9 | +9.9 | +26.4 | +17.6 | +4.0 | -6.7 | +5.9 | +11.3 | -4.3 | -0.1 | -6.2 |
| 1991 Jan | 7,891 | 541 | -19 | 7,370 | 151 | 8 | 281 | 2,289 | 581 | 360 | 2,225 | 1,171 | 78 | 101 |
| Feb | 6,495 | 457 | 81 | 5,957 | 110 | 4 | 202 | 1,677 | 485 | 275 | 1,977 | 943 | 66 | 140 |
| Mar | 7,030 | 478 | 43 | 6,510 | 97 | 3 | 197 | 2,125 | 443 | 166 | 2,003 | 1,101 | 81 | 210 |
| Total | 21,416 | 1,476 | 104 | 19,837 | 358 | 15 | 680 | 6,091 | 1,510 | 801 | 6,205 | 3,216 | 224 | 451 |
| 1992 Jan | 7,472 | 500 | 32 | 6,941 | 144 | 12 | 261 | 2,173 | 544 | 263 | 2,108 | 1,098 | 95 | 123 |
| Feb | 7,207 | 481 | 35 | 6,691 | 128 | 12 | 225 | 2,233 | 510 | 232 | 2,018 | 984 | 90 | 151 |
| Mar p | 7,920 | 503 | 72 | 7,346 | 151 | 15 | 273 | 2,287 | 645 | 243 | 2,203 | 1,075 | 91 | 239 |
| Total | 22,600 | 1,483 | 139 | 20,978 | 423 | 38 | 759 | 6,693 | 1,699 | 738 | 6,329 | 3,157 | 277 | 513 |
| Per cent change | +5.5 | +0.5 | +33.7 | +5.8 | +18.2 | (+) | +11.6 | +9.9 | +12.5 | -7.9 | +2.0 | -1.8 | +23.7 | +13.7 |

1. Including aviation spirit, wide-cut gasoline, industrial and white spirit, petroleum wax and miscellaneous products.

TABLE 14. Deliveries of petroleum products for inland consumption

Thousand tonnes

| | | Butane ³ and propane | Naphtha ⁴ (LDF) and Middle distillate feedstock | Motor Spirit | | Kerosene | | | Gas/diesel oil | | Fuel oil | Lubri- cating oils | Bitumen | |
|----------------------|-------------------------|---------------------------------------|--|-----------------------------|-------------|----------------------|--------------|-------|----------------|---------|-------------|--------------------------|---------|-------|
| Total ^{1,2} | of which Unleaded | | | Aviation turbine fuel | Burning oil | | Derv fuel | Other | | | | | | |
| | | | | | Premier | Standard domestic | | | | | | | | |
| 1986 | 69,227 | 1,885 | 3,786 | 21,470 | — | 5,497 | 114 | 1,418 | 7,866 | 9,241 | 12,514 | 803 | 2,019 | |
| 1987 | 67,700 r | 1,838 | 3,504 r | 22,184 | — | 5,815 | 100 | 1,390 | 8,469 | 8,744 r | 9,935 | 828 | 2,162 | |
| 1988 | 72,317 | 1,912 | 3,866 | 23,249 | 258 | 6,200 | 68 | 1,415 | 9,370 | 8,456 | 11,865 | 849 | 2,342 | |
| 1989 | 73,028 | 1,893 | 3,932 | 23,924 | 4,648 | 6,564 | 55 | 1,417 | 10,118 | 8,323 | 11,125 | 839 | 2,423 | |
| 1990 | 73,943 | 1,969 | 3,477 | 24,312 | 8,255 | 6,589 | 41 | 1,526 | 10,652 | 8,046 | 11,997 | 822 | 2,491 | |
| 1991 p | 74,391 | 2,158 | 3,898 | 24,021 | 9,868 | 6,176 | 46 | 1,779 | 10,694 | 8,031 | 11,948 | 759 | 2,514 | |
| Per cent change | | +0.6 | +9.6 | +12.1 | -1.2 | +19.5 | -6.3 | +12.4 | +16.6 | +0.4 | -0.2 | -0.4 | -7.6 r | +0.9 |
| 1991 | Jan | 6,419 r | 183 r | 437 | 1,933 | 736 | 446 | 8 | 253 | 924 | 926 | 918 | 71 | 140 |
| | Feb | 5,941 | 184 | 330 | 1,686 | 651 | 394 | 8 | 186 | 780 | 817 | 1,214 | 53 | 129 |
| | Mar | 6,144 | 134 | 360 | 2,051 | 802 | 418 | 3 | 128 | 891 | 653 | 1,019 | 60 | 224 |
| Total | | 18,503 | 500 | 1,126 | 5,670 | 2,189 | 1,257 | 19 | 567 | 2,596 | 2,395 | 3,151 | 184 | 493 |
| 1992 | Jan | 6,444 | 158 | 356 | 1,898 | 832 | 471 | 7 | 216 | 875 | 804 | 1,152 | 71 | 156 |
| | Feb | 5,876 | 162 | 212 | 1,841 | 817 | 447 | 5 | 182 | 853 | 703 | 970 | 68 | 175 |
| | Mar p | 6,339 | 131 | 317 | 2,002 | 907 | 527 | 4 | 182 | 953 | 688 | 1,005 | 66 | 222 |
| Total | | 18,773 | 447 | 986 | 5,743 | 2,557 | 1,454 | 15 | 590 | 2,681 | 2,195 | 3,140 | 203 | 554 |
| Per cent change | | +1.5 | -10.7 | -12.5 | +1.3 | +16.8 | +15.7 | -21.1 | +4.1 | +3.3 | -8.4 | -0.3 | +10.3 | +12.4 |

1. Including other petroleum gases, aviation spirit, wide-cut gasoline, industrial and white spirits, petroleum wax, non-domestic standard burning oil and miscellaneous products. 2. Excluding refinery fuel. 3. Including amounts for petro-chemicals. 4. Now mainly for petro-chemical feedstock. Prior to the September 1986 issue of Energy Trends, Middle distillate feedstock was included in the Gas/diesel oil (other) column.

TABLE 15. Deliveries of petroleum products for inland consumption: energy uses¹

Thousand tonnes

| | Total | Power ² stations | Gas works | Iron and Steel industry | Other industries | Transport ³ | Domestic | Other ⁴ |
|-----------------|--------|-----------------------------|-----------|-------------------------|------------------|------------------------|----------|--------------------|
| 1986 | 59,864 | 5,665 | 164 | 693 | 9,000 | 36,665 | 2,317 | 5,360 |
| 1987 | 58,298 | 4,497 | 86 | 628 | 7,995 | 38,220 | 2,211 | 4,661 |
| 1988 | 62,317 | 5,155 | 59 | 824 | 8,807 | 40,621 | 2,183 | 4,666 |
| 1989 | 63,146 | 5,332 | 52 | 851 | 8,032 | 42,535 | 2,141 | 4,204 |
| 1990 | 64,774 | 6,557 | 52 | 781 | 7,583 | 43,454 | 2,229 | 4,117 |
| 1991 p | 64,551 | 6,123 | 50 | 800 | 8,089 | 42,864 | 2,459 | 4,166 |
| Per cent change | -0.5 | -8.3 | -3.8 | +2.4 | +6.7 | -1.4 | +10.3 | +1.2 |
| 1990 Dec | 5,020 | 225 | 6 | 38 | 679 | 3,393 | 267 | 412 |
| 1991 Jan | 5,613 | 451 | 8 | 50 | 771 | 3,491 | 330 | 511 |
| Feb | 5,274 | 619 | 7 | 68 | 840 | 3,012 | 254 | 474 |
| Total | 15,906 | 1,296 | 21 | 156 | 2,290 | 9,896 | 851 | 1,397 |
| 1991 Dec | 5,435 | 509 | 5 | 54 | 734 | 3,464 | 279 | 389 |
| 1992 Jan | 5,624 | 530 | 4 | 79 | 836 | 3,414 | 282 | 479 |
| Feb p | 5,200 | 408 | 5 | 54 | 765 | 3,305 | 250 | 414 |
| Total | 16,259 | 1,447 | 15 | 187 | 2,335 | 10,183 | 810 | 1,282 |
| Per cent change | +2.2 | +11.7 | -28.6 | +19.9 | +2.0 | +2.9 | -4.8 | -8.2 |

1. Excludes non-energy use. 2. Major generating companies (see definitions below Table 29) and transport power stations. 3. Includes coastal shipping and fishing. 4. Mainly public administration, commerce and agriculture.

TABLE 16. Stocks of petroleum¹ at end of period

Thousand tonnes

| | Crude oil and refinery process oil | | | | Petroleum products | | | | | Total Stocks | | |
|-----------------|------------------------------------|------------------------|-----------------------|---------------------|-----------------------------------|---------------------------------------|----------|--------------------------------|--------|--------------------------------|------------------------------|--------|
| | Refineries ² | Terminals ³ | Offshore ⁴ | Total | Light ⁵ distillates | Kerosene & gas/diesel ⁶ | Fuel oil | Other products ⁷ | Total | Net bilaterals ⁸ | Stocks in UK ⁹ | Total |
| 1986 | 5,852 | 1,201 | 556 | 7,609 | 2,421 | 3,078 | 3,888 | 1,370 | 10,757 | 1,265 | 17,101 | 18,366 |
| 1987 | 5,433 | 1,809 | 653 | 7,895 | 2,513 | 3,017 | 3,603 | 1,380 | 10,513 | 1,549 | 16,859 | 18,408 |
| 1988 | 4,927 | 1,030 | 670 | 6,687 ¹⁰ | 2,878 | 3,139 | 3,396 | 1,353 | 10,766 | 1,854 | 15,599 | 17,453 |
| 1989 | 5,464 | 1,456 | 473 | 7,393 | 2,445 | 3,333 | 3,552 | 1,291 | 10,621 | 1,751 | 16,263 | 18,014 |
| 1990 | 5,484 | 982 | 424 | 6,890 | 2,424 | 3,039 | 3,206 | 1,224 | 9,892 | 1,539 | 15,243 | 16,782 |
| 1991 p | 5,379 | 1,383 | 344 | 7,106 | 2,663 | 3,092 | 3,578 | 1,394 | 10,727 | 1,727 | 16,105 | 17,833 |
| Per cent change | -1.9 | +40.8 | -18.9 | +3.1 | +9.9 | +1.7 | +11.6 | +13.9 | +8.4 | +12.2 | +5.7 | +6.3 |
| 1991 Jan | 5,686 | 1,050 | 438 | 7,174 | 2,556 | 2,692 | 3,370 | 1,197 | 9,815 | 1,287 | 15,702 | 16,989 |
| Feb | 5,698 | 1,474 | 581 | 7,753 | 2,578 | 2,782 | 3,176 | 1,215 | 9,752 | 1,278 | 16,227 | 17,505 |
| Mar | 5,664 | 1,656 | 482 | 7,801 | 2,600 | 3,024 | 3,717 | 1,324 | 10,665 | 1,565 | 16,902 | 18,467 |
| 1992 Jan | 5,427 | 1,020 | 301 | 6,749 | 2,810 | 2,773 | 3,477 | 1,396 | 10,456 | 1,593 | 15,611 | 17,204 |
| Feb | 5,220 | 1,323 | 565 | 7,108 | 3,020 | 2,795 | 3,500 | 1,332 | 10,647 | 1,658 | 16,096 | 17,754 |
| Mar p | 5,209 | 1,220 | 440 | 6,869 | 2,919 | 2,878 | 3,281 | 1,292 | 10,370 | 1,658 | 15,581 | 17,239 |
| Per cent change | -8.0 | -26.3 | -8.7 | -11.9 | +12.3 | -4.8 | -11.7 | -2.4 | -2.8 | +5.9 | -7.8 | -6.6 |

1. Stocks held at refineries, terminals and power stations. Stocks in the wholesale distribution system and certain stocks at offshore fields (UK Continental Shelf [UKCS]), and others held under approved bilateral agreements are also included. 2. Stocks of crude oil, NGLs and process oil at UK refineries. 3. Stocks of crude oil and NGLs at UKCS pipeline terminals. 4. Stocks of crude oil in tanks and partially loaded tankers at offshore fields (UKCS). 5. Motor spirit and aviation spirit. 6. Aviation turbine fuel, burning oil, gas oil, Derv fuel, middle distillate feedstock (mdf) and marine diesel oil. 7. Ethane, propane, butane, other petroleum gases, naphtha (ldf), industrial and white spirits, bitumen, petroleum wax, lubricating oil, petroleum coke and miscellaneous products. 8. The difference between stocks held abroad for UK use under approved bilateral agreements and the equivalent stocks held in the UK for foreign use. 9. Stocks held in the national territory or elsewhere on the UKCS. 10. Includes 60 thousand tonnes held under approved bilateral agreements.

ELECTRICITY

TABLE 17. Electricity generation, supply and availability

TWh

| | Major generating companies ¹ | | | Other generating companies ¹ | | | All generating companies | | | | |
|------------------|---|----------------------|----------------------------|---|----------------------|----------------------------|--------------------------|----------------------|----------------------------|-------------|-----------------------|
| | Electricity generation | Own use ² | Electricity supplied (net) | Electricity generation | Own use ² | Electricity supplied (net) | Electricity generation | Own use ² | Electricity supplied (net) | Net imports | Electricity available |
| 1986 | 282.26 | 21.10 | 261.16 | 18.81 | 1.50 | 17.32 | 301.07 | 22.60 | 278.48 | 4.26 | 282.73 |
| 1987 | 282.74 | 20.85 | 261.90 | 19.37 | 1.56 | 17.81 | 302.11 | 22.40 | 279.71 | 11.64 | 291.34 |
| 1988 | 288.51 | 21.58 | 266.93 | 19.59 | 1.50 | 18.09 | 308.10 | 23.09 | 285.02 | 12.83 | 297.85 |
| 1989 | 292.90 | 21.18 | 271.71 | 20.93 | 1.62 | 19.31 | 313.83 | 22.81 | 291.02 | 12.63 | 303.65 |
| 1990 | 298.50 | 20.52 | 277.98 | 20.48 | 1.67 | 18.82 | 318.98 | 22.18 | 296.80 | 11.94 | 308.74 |
| 1991 p | 300.37 | 20.45 | 279.92 | 20.58 | 1.65 | 18.93 | 320.95 | 22.10 | 298.85 | 16.41 | 315.26 |
| Per cent change | +0.6 | -0.3 | +0.7 | +0.5 | -1.2 | +0.6 | +0.6 | -0.4 | +0.6 | +37.4 | +2.1 |
| 1990 1st quarter | 86.96 | 5.95 | 81.01 | 5.71 | 0.46 | 5.25 | 92.67 | 6.41 | 86.26 | — | 86.26 |
| 2nd quarter | 67.86 | 4.68 | 63.18 | 4.86 | 0.40 | 4.47 | 72.72 | 5.08 | 67.64 | 3.54 | 71.18 |
| 3rd quarter | 63.27 | 4.46 | 58.81 | 4.60 | 0.38 | 4.22 | 67.87 | 4.84 | 63.03 | 4.10 | 67.13 |
| 4th quarter | 80.40 | 5.43 | 74.98 | 5.31 | 0.43 | 4.88 | 85.71 | 5.85 | 79.86 | 4.31 | 84.17 |
| 1991 1st quarter | 86.98 | 6.02 | 80.96 | 5.61 | 0.45 | 5.15 | 92.59 | 6.47 | 86.11 | 4.29 | 90.41 |
| 2nd quarter | 69.77 e | 4.70 e | 65.07 | 5.00 | 0.41 | 4.59 | 74.77 | 5.11 | 69.66 | 3.72 | 73.38 |
| 3rd quarter | 62.39 e | 4.33 e | 58.07 | 4.63 | 0.39 | 4.24 | 67.02 | 4.71 | 62.31 | 4.11 | 66.42 |
| 4th quarter p | 81.22 e | 5.40 e | 75.82 | 5.34 | 0.39 | 4.94 | 86.56 | 5.79 | 80.77 | 4.29 | 85.06 |
| Per cent change | +1.0 | -0.5 | +1.1 | +0.6 | -7.9 | +1.3 | +1.0 | -1.1 | +1.1 | -0.4 | +1.1 |

1. See definitions below Table 29. 2. Used in works and for pumping at pumped storage stations.

TABLE 18. Electricity supplied by other generating companies¹

GWh

| | Industry | | | | | | | | | |
|----------------------------|----------|----------------|-------------------------------------|----------------------|----------------|-----------|------------------------------------|-------------------------|--------------------------------|--------------------|
| | Total | Total industry | Nuclear power stations ² | Petroleum refineries | Iron and steel | Chemicals | Engineering and other metal trades | Food, drink and tobacco | Paper, printing and stationery | Other ³ |
| Electricity supplied (net) | | | | | | | | | | |
| 1986 | 17,316 | 16,708 | 4,359 | 1,798 | 1,239 | 4,197 | 3,356 | 452 | 769 | 538 |
| 1987 | 17,809 | 17,217 | 4,257 | 1,742 | 1,452 | 4,457 | 3,497 | 431 | 807 | 574 |
| 1988 | 18,089 | 17,447 | 3,942 | 2,014 | 1,653 | 4,327 | 3,466 | 462 | 928 | 655 |
| 1989 | 19,305 | 18,680 | 4,290 | 2,539 | 1,743 | 4,044 | 3,821 | 534 | 990 | 720 |
| 1990 | 18,817 | 18,162 | 3,700 | 2,468 | 1,668 | 4,218 | 3,929 | 597 | 866 | 717 |
| 1991 p | 18,931 | 18,289 | 3,495 | 2,464 | 1,788 | 4,112 | 3,842 | 594 | 924 | 1,070 |
| Per cent change | +0.6 | +0.7 | -5.5 | -0.2 | +7.2 | -2.5 | -2.2 | -0.5 | +6.7 | +49.2 |
| 1990 1st quarter | 5,246 | 5,079 | 1,248 | 637 | 439 | 1,142 | 1,041 | 145 | 230 | 197 |
| 2nd quarter | 4,467 | 4,303 | 820 | 561 | 411 | 1,061 | 980 | 76 | 217 | 177 |
| 3rd quarter | 4,223 | 4,064 | 795 | 618 | 397 | 963 | 849 | 80 | 192 | 170 |
| 4th quarter | 4,881 | 4,716 | 837 | 651 | 420 | 1,052 | 1,059 | 297 | 227 | 173 |
| 1991 1st quarter | 5,154 | 4,987 | 1,211 | 633 | 416 | 1,100 | 1,040 | 150 | 238 | 199 |
| 2nd quarter | 4,589 | 4,429 | 963 | 563 | 468 | 950 | 967 | 87 | 233 | 198 |
| 3rd quarter | 4,243 | 4,090 | 667 | 629 | 415 | 956 | 892 | 85 | 211 | 235 |
| 4th quarter p | 4,945 | 4,783 | 654 | 639 | 489 | 1,106 | 943 | 272 | 242 | 438 |
| Per cent change | +1.3 | +1.4 | -21.9 | -1.8 | +16.4 | +5.1 | -11.0 | -8.4 | +6.6 | (+) |

1. Excludes electricity generated by commerce, public administration, etc. Industrial groupings are based on the Standard Industrial Classification 1980. 2. Generated by UKAEA and British Nuclear Fuels (BNF) for the public electricity supply system. 3. Including water-works and energy supply companies other than major generating companies (see definitions below Table 29).

TABLE 19. Electricity production and availability from the public supply system¹

TWh

| | | Electricity supplied (net) | | | | | | | Purchases from other sources (net) ^{6,7} | Total electricity available ⁷ | |
|-----------------|--------|----------------------------|----------------------|--------|---------------------------------------|---------|--------------------|--------------------|---|--|-------------|
| | | By type of plant | | | | | | | | | |
| | | Electricity Generated | Own Use ² | Total | Conventional steam plant ³ | Nuclear | Hydro ⁴ | Other ⁵ | | | Net Imports |
| 1986 | | 282.26 | 21.10 | 261.16 | 209.98 | 47.48 | 3.22 | 0.48 | 4.26 | 5.46 | 270.88 |
| 1987 | | 282.74 | 20.85 | 261.90 | 214.84 | 43.95 | 2.66 | 0.45 | 11.64 | 5.58 | 279.12 |
| 1988 | | 288.51 | 21.58 | 266.93 | 211.50 | 51.70 | 3.30 | 0.43 | 12.83 | 5.40 | 285.16 |
| 1989 | | 292.89 | 21.18 | 271.71 | 208.68 | 59.31 | 3.23 | 0.50 | 12.63 | 6.49 | 290.84 |
| 1990 | | 298.50 | 20.52 | 277.98 | 218.96 | 54.96 | 3.65 | 0.41 | 11.94 | 5.90 | 295.82 |
| 1991 p | | 300.37 | 20.45 | 279.92 | 217.95 | 58.50 | 3.16 | 0.31 | 16.41 | 6.78 | 303.11 |
| Per cent change | | +0.6 | -0.3 | +0.7 | -0.5 | +6.4 | -13.4 | -23.4 | +37.4 | +14.9 | +2.5 |
| 1991 | Jan | 27.17 | 1.88 | 25.29 | 19.35 | 5.46 | 0.44 | 0.04 | 1.32 | 0.57 | 27.18 |
| | Feb | 28.92 | 2.01 | 26.91 | 20.98 | 5.75 | 0.15 | 0.03 | 1.32 | 0.60 | 28.83 |
| | Mar* | 30.89 | 2.13 | 28.76 | 22.83 | 5.54 | 0.35 | 0.04 | 1.66 | 0.71 | 31.13 |
| Total | | 86.98 | 6.02 | 80.96 | 63.16 | 16.75 | 0.94 | 0.11 | 4.29 | 1.89 | 87.14 |
| 1992 | Jan | 26.22e | 1.77e | 24.45 | 18.40 | 5.57 | 0.46 | 0.02 | 1.33 | 0.64 | 26.42 |
| | Feb | 27.14e | 1.77e | 25.37 | 19.55 | 5.44 | 0.33 | 0.05 | 1.33 | 0.61 | 27.32 |
| | Mar* p | 31.24e | 2.13e | 29.12 | 21.33 | 7.18 | 0.58 | 0.03 | 1.66 | 0.72 | 31.49 |
| Total | | 84.60 | 5.67 | 78.94 | 59.28 | 18.19 | 1.36 | 0.10 | 4.31 | 1.97 | 85.22 |
| Per cent change | | -2.7 | -5.9 | -2.5 | -6.1 | +8.6 | +44.3 | -8.2 | +0.5 | +4.4 | -2.2 |

1. Electricity generated by major generating companies (see definitions below Table 29) and available through the grid in England and Wales and from distribution companies in Scotland and Northern Ireland. 2. Used in works and for pumping at pumped storage stations. 3. Coal, oil (including Orimulsion) and mixed or dual fired (including gas). 4. Natural flow and net supply by pumped storage stations. 5. Including diesel and oil engines, gas turbines and wind power. 6. Purchases from the UKAEA, BNF and other generators. 7. Net of supplies direct from generators to final consumers.

TABLE 20. Fuel used in electricity generation

Million tonnes of oil or oil equivalent

| | Major generating companies ¹ | | | | Other generating companies ¹ | | | | All generating companies | | | | Net Imports | Total incl. imports |
|------------------|---|---------|--------------------|-------|---|---------|----------------------|-------|--------------------------|---------|----------------------|-------|-------------|---------------------|
| | Coal | Nuclear | Other ² | Total | Coal | Nuclear | Other ^{2,3} | Total | Coal | Nuclear | Other ^{2,3} | Total | | |
| 1986 | 48.6 | 11.4 | 7.4 | 67.4 | .. | 1.2 | 0.4 | .. | .. | 12.6 | .. | .. | 1.0 | .. |
| 1987 | 50.7 | 10.6 | 5.9 | 67.1 | .. | 1.1 | 0.4 | .. | .. | 11.7 | .. | .. | 2.8 | .. |
| 1988 | 48.5 | 12.4 | 6.7 | 67.6 | .. | 1.1 | 0.4 | .. | .. | 13.5 | .. | .. | 3.1 | .. |
| 1989 | 47.4 | 14.2 | 6.7 | 68.4 | .. | 1.2 | 0.4 | .. | .. | 15.4 | .. | .. | 3.0 | .. |
| 1990 | 48.6 | 13.2 | 8.0 | 69.8 | 1.2 | 1.0 | 3.1 | 5.3 | 49.7 | 14.2 | 11.2 | 75.1 | 2.9 | 78.0 |
| 1991 p | 48.2 | 14.0 | 6.9 | 69.2 | 1.2 | 0.9 | 3.3 | 5.5 | 49.5 | 15.0 | 10.2 | 74.7 | 3.9 | 78.6 |
| Per cent change | -0.6 | +6.4 | -14.0 | -0.9 | +5.6 | -5.5 | +6.0 | +3.8 | -0.5 | +5.6 | -8.4 | -0.5 | +37.4 | +8.7 |
| 1990 1st quarter | 14.4 | 3.6 | 2.6 | 20.6 | 0.3e | 0.3 | 0.8 | 1.5e | 14.7 | 3.9 | 3.4 | 22.1 | — | 22.1 |
| 2nd quarter | 10.2 | 3.1 | 2.4 | 15.7 | 0.3e | 0.2 | 0.7e | 1.2e | 10.5 | 3.3 | 3.1 | 16.9 | 0.9 | 17.8 |
| 3rd quarter | 10.3 | 3.0 | 1.5 | 14.8 | 0.2e | 0.2 | 0.7e | 1.2e | 10.5 | 3.2 | 2.2 | 16.0 | 1.0 | 17.0 |
| 4th quarter | 13.6 | 3.6 | 1.5 | 18.7 | 0.3e | 0.2 | 0.8e | 1.4e | 14.0 | 3.8 | 2.3 | 20.1 | 1.0 | 21.1 |
| 1991 1st quarter | 14.0 | 4.0 | 1.9 | 20.0 | 0.3 | 0.3 | 0.9 | 1.5 | 14.4 | 4.3 | 2.8 | 21.5 | 1.0 | 22.5 |
| 2nd quarter | 11.3 | 3.0 | 1.8 | 16.1 | 0.3 | 0.3 | 0.8 | 1.4 | 11.6 | 3.2 | 2.6 | 17.4 | 0.9 | 18.3 |
| 3rd quarter | 9.7 | 3.4 | 1.4 | 14.5 | 0.3 | 0.2 | 0.7 | 1.2 | 9.9 | 3.6 | 2.2 | 15.7 | 1.0 | 16.7 |
| 4th quarter p | 13.2 | 3.6 | 1.8 | 18.6 | 0.3 | 0.2 | 0.9 | 1.4 | 13.6 | 3.8 | 2.7 | 20.1 | 1.0 | 21.1 |
| Per cent change | -3.0 | +1.6 | +19.3 | -0.3 | -3.9 | -21.9 | +12.5 | +2.9 | -3.0 | +0.2 | +16.9 | -0.6 | -0.4 | -0.1 |

1. See definitions below Table 29. 2. Oil, including oil used in gas turbine and diesel plant or for lighting up coal fired boilers, and Orimulsion, hydro, gas, wind and refuse derived fuel. 3. Prior to 1990 other fuels used by other generating companies only includes hydro for industrial undertakings and gas used by transport undertakings.

TABLE 21. Fuel used in electricity generation by major generating companies¹

Million tonnes of oil or oil equivalent

| | Total ² | Coal ³ | Oil ^{3,4} | Gas ⁵ | Nuclear | Hydro |
|-----------------|--------------------|-------------------|--------------------|------------------|---------|-------|
| 1986 | 67.36 | 48.62 | 6.08 | — | 11.40 | 1.25 |
| 1987 | 67.12 | 50.70 | 4.81 | — | 10.55 | 1.06 |
| 1988 | 67.59 | 48.51 | 5.39 | — | 12.41 | 1.27 |
| 1989 | 68.38 | 47.39 | 5.52 | — | 14.24 | 1.22 |
| 1990 | 69.80 | 48.56 | 6.69 | .. | 13.20 | 1.34 |
| 1991 p | 69.20 | 48.25 | 5.73 | .. | 14.05 | 1.17 |
| Per cent change | -0.9 | -0.6 | -14.4 | .. | +6.4 | -13.1 |
| 1991 Jan | 6.25 | 4.41 | 0.37 | .. | 1.31 | 0.15 |
| Feb | 6.59 | 4.49 | 0.66 | .. | 1.38 | 0.06 |
| Mar* | 7.12 | 5.12 | 0.54 | .. | 1.33 | 0.13 |
| Total | 19.96 | 14.02 | 1.57 | .. | 4.02 | 0.35 |
| 1992 Jan | 6.00 | 4.04 | 0.47 | .. | 1.34 | 0.15 |
| Feb | 6.22 | 4.33 | 0.47 | .. | 1.31 | 0.11 |
| Mar* p | 7.18 | 4.78 | 0.49 | .. | 1.72 | 0.19 |
| Total | 19.40 | 13.14 | 1.43 | .. | 4.37 | 0.45 |
| Per cent change | -2.8 | -6.3 | -8.9 | .. | +8.6 | +30.9 |

1. See definitions below Table 29. 2. Including wind power and refuse derived fuel. 3. Including quantities used in the production of steam for sale. 4. Including oil used in gas turbine and diesel plant or for lighting up coal fired boilers, and Orimulsion. 5. Including sour gas, refinery gas, etc. From April 1990, figures are not available for reasons of confidentiality but are included in total fuel used.

TABLE 22. Availability and consumption of electricity

TWh

| | Public distribution system | | | | | | | Other generators | | | All electricity suppliers | | |
|------------------|----------------------------|---|--|-------------------------|-------------------------|----------|--------------------|------------------------------------|------------------------------------|---|---------------------------|------------------------------------|----------------------------|
| | Electricity available | Transmission distribution and other losses ² | Sales of electricity to consumers ¹ | | | | | Electricity available ⁵ | Losses and statistical differences | Consumption of electricity ⁷ | Electricity available | Losses and statistical differences | Consumption of electricity |
| | | | Total | Industrial ³ | Commercial ⁴ | Domestic | Other ⁵ | | | | | | |
| 1986 | 270.88 | 22.82 | 248.09 | 86.97 | 61.44 | 91.83 | 7.86 | 11.86 | 0.10 | 11.76 | 282.73 | 22.91 | 259.82 |
| 1987 | 279.12 | 22.96 | 256.19 | 90.77 | 64.18 | 93.25 | 7.98 | 12.23 | — | 12.23 | 291.34 | 22.96 | 268.39 |
| 1988 | 285.16 | 23.40 | 261.79 | 94.13 | 67.31 | 92.36 | 7.99 | 12.69 | -0.06 | 12.75 | 297.85 | 23.34 | 274.51 |
| 1989 | 290.84 | 24.12 | 266.72 | 96.26 | 70.29 | 92.27 | 7.90 | 12.81 | 0.13 | 12.68 | 303.65 | 24.25 | 279.40 |
| 1990 | 295.82 | 23.87 | 271.96 | 98.12 | 71.64 | 93.79 | 8.41 | 12.92 | 0.05 | 12.87 | 308.74 | 23.92 | 284.82 |
| 1991 p | 303.11 | 25.57 | 277.54 | 95.75 | 74.53 | 98.89 | 8.37 | 12.15 | 0.05 e | 12.10 | 315.26 | 25.62 | 289.64 |
| Per cent change | +2.5 | +7.1 | +2.1 | -2.4 | +4.0 | +5.4 | -0.5 | -5.9 | — | -6.0 | +2.1 | +7.1 | +1.7 |
| 1990 1st quarter | 82.37 | 6.90 | 75.47 | 24.96 | 19.86 | 28.33 | 2.32 | 3.89 | 0.02 e | 3.87 | 86.26 | 6.92 | 79.34 |
| 2nd quarter | 68.29 | 5.48 | 62.81 | 24.42 | 16.38 | 20.16 | 1.85 | 2.89 | 0.01 e | 2.88 | 71.18 | 5.49 | 65.69 |
| 3rd quarter | 64.38 | 5.17 | 59.22 | 23.38 | 16.20 | 17.82 | 1.83 | 2.75 | 0.01 e | 2.74 | 67.13 | 5.18 | 61.95 |
| 4th quarter | 80.77 | 6.32 | 74.46 | 25.36 | 19.19 | 27.49 | 2.41 | 3.39 | 0.01 e | 3.38 | 84.17 | 6.33 | 77.84 |
| 1991 1st quarter | 87.14 | 8.35 | 78.79 | 25.25 | 20.56 | 30.77 | 2.20 | 3.27 | 0.01 e | 3.26 | 90.41 | 8.36 | 82.04 |
| 2nd quarter | 70.69 | 6.16 | 64.53 | 23.17 | 17.60 | 21.94 | 1.82 | 2.69 | 0.01 e | 2.68 | 73.38 | 6.17 | 67.21 |
| 3rd quarter | 63.59 | 4.25 | 59.34 | 23.14 | 16.44 | 17.83 | 1.93 | 2.83 | 0.01 e | 2.82 | 66.42 | 4.27 | 62.15 |
| 4th quarter p | 81.70 | 6.81 | 74.89 | 24.19 | 19.93 | 28.34 | 2.42 | 3.36 | 0.01 e | 3.35 | 85.06 | 6.82 | 78.23 |
| Per cent change | +1.1 | +7.8 | +0.6 | -4.6 | +3.9 | +3.1 | +0.1 | -0.9 | — | -1.0 | +1.1 | +7.8 | +0.5 |

1. Until 1st quarter 1990, some electricity suppliers provided sales figures on a sales billed rather than a sales sent out basis. The quarterly pattern of sales from 2nd quarter 1990 onwards may therefore have changed. 2. Losses on the grid system and local networks and other differences between data collected on sales and data collected on availability. 3. Manufacturing industry, construction, energy and water supply industries. 4. Commercial premises, transport and other service sector consumers. 5. Agriculture, public lighting and combined domestic/commercial premises. 6. Net electricity supplied less transfers to the public distribution system. 7. The majority of this consumption is by businesses in the industrial sector (95% in 1990).

TEMPERATURES

TABLE 23. Average temperatures and deviations from the long term mean¹

Degrees celsius

| | Long term mean | Average daily temperature | | | Deviation from the long term mean | | |
|--------------------------------------|----------------|---------------------------|------|------|-----------------------------------|------|------|
| | 1951 to 1980 | 1990 | 1991 | 1992 | 1990 | 1991 | 1992 |
| Statistical month² | | | | | | | |
| January | 3.7 | 5.9 | 4.2 | 4.9 | +2.2 | +0.5 | +1.2 |
| February | 3.9 | 6.2 | 1.4 | 4.6 | +2.3 | -2.5 | +0.7 |
| March* | 5.6 | 8.1 | 7.7 | 7.5 | +2.5 | +2.1 | +1.9 |
| April | 7.9 | 7.3 | 8.2 | | -0.6 | +0.3 | |
| May | 10.7 | 12.0 | 10.4 | | +1.3 | -0.3 | |
| June* | 13.8 | 13.3 | 12.1 | | -0.5 | -1.7 | |
| July | 15.7 | 16.1 | 17.0 | | +0.4 | +1.3 | |
| August | 15.8 | 17.7 | 17.4 | | +1.9 | +1.6 | |
| September* | 14.0 | 13.8 | 15.6 | | -0.2 | +1.6 | |
| October | 11.0 | 12.7 | 10.5 | | +1.7 | -0.5 | |
| November | 7.5 | 7.8 | 7.1 | | +0.3 | -0.4 | |
| December* | 5.1 | 5.1 | 5.6 | | — | +0.5 | |
| Calendar month | | | | | | | |
| January | 3.7 | 6.3 | 3.7 | 3.9 | +2.6 | — | +0.2 |
| February | 3.9 | 7.0 | 2.4 | 5.9 | +3.1 | -1.5 | +2.0 |
| March | 5.7 | 8.0 | 7.9 | 7.4 | +2.3 | +2.2 | +1.7 |
| April | 8.1 | 7.7 | 8.1 | | -0.4 | — | |
| May | 11.2 | 12.1 | 11.0 | | +0.9 | -0.2 | |
| June | 14.2 | 13.3 | 12.2 | | -0.9 | -2.0 | |
| July | 15.9 | 16.3 | 17.3 | | +0.4 | +1.4 | |
| August | 15.7 | 17.6 | 17.2 | | +1.9 | +1.5 | |
| September | 13.7 | 13.1 | 14.8 | | -0.6 | +1.1 | |
| October | 10.7 | 12.0 | 10.4 | | +1.3 | -0.3 | |
| November | 6.6 | 7.2 | 7.0 | | +0.6 | +0.4 | |
| December | 4.8 | 5.1 | 5.0 | | +0.3 | +0.2 | |

1. Based on data provided by the Meteorological Office. Information on the methodology used is given in Table 1 of the Digest of UK Energy Statistics 1991. 2. Months with 4 or 5 weeks. Months marked * contain 5 weeks.

STANDARD CONVERSION FACTORS AND APPROXIMATE EQUIVALENTS¹

| | | | | | |
|-------------------------|---|------------------------------|-----------------|---|-----------------|
| 1 tonne of oil | = | 1.7 tonnes of coal | 1 kilowatt (kW) | = | 1,000 Watts |
| | = | 425 therms | 1 Megawatt (MW) | = | 1,000 kilowatts |
| 1 therm | = | 29.3071 kilowatt hours (kWh) | 1 Gigawatt (GW) | = | 1,000 Megawatts |
| 1 Gigajoule (GJ) | = | 9.4781 therms | 1 Terawatt (TW) | = | 1,000 Gigawatts |
| 1 tonne of UK crude oil | = | 7.55 barrels | 1 Petawatt (PW) | = | 1,000 Terawatts |
| 1 gallon (UK) | = | 4.54609 litres | | | |

1. More detailed information on conversion factors, approximate equivalents, and calorific values of fuels, is given on pages 111 and 112 of the Digest of UK Energy Statistics 1991.

FOREIGN TRADE

TABLE 24. Imports and exports of fuels and related materials¹

| | | Coal and other solid fuel | Petroleum | | Natural gas | Electricity | Total | Coal and other solid fuel | Petroleum | | Natural gas | Electricity | Total | Total fob ³ |
|--|---------------|---------------------------------|-----------|-----------------------|----------------|-------------|-------------------|---------------------------------|-----------|-----------------------|----------------|-------------|-------|---------------------------|
| | | | Crude | Products ² | | | | | Crude | Products ² | | | | |
| Quantity – Million tonnes of oil or oil equivalent | | | | | | | Value – £ million | | | | | | | |
| IMPORTS: (cif) | | | | | | | | | | | | | | |
| 1986 | | 6.3 | 32.2 | 24.2 | 11.1 | 1.0 | 74.9 | 456 | 2,440 | 2,080 | 1,320 | 80 | 6377 | 5,983 |
| 1987 | | 5.9 | 33.1 | 20.8 | 10.2 | 2.8 | 72.9 | 390 | 2,703 | 1880 | 878 | 242 | 6,094 | 5,818 |
| 1988 | | 7.5 | 32.8 | 21.4 | 9.1 | 3.1 | 74.0 | 472 | 2,044 | 1,546 | 692 | 268 | 5,022 | 4,675 |
| 1989 | | 7.5 | 36.3 | 21.7 | 8.9 | 3.4 | 77.8 | 513 | 3,079 | 1,889 | 615 | 305 | 6,400 | 6,071 |
| 1990 | | 8.9 | 43.7 | 24.8 | 6.6 | 3.1 | 87.1 | 630 | 4,033 | 2,427 | 519 | 225 | 7,864 | 7,358 |
| 1991 p | | 11.7 | 45.8 | 23.7 | 5.6 | 4.0 | 90.8 | 734 | 3,887 | 2,080 | 472 | 343 | 7,502 | 7,064 |
| Per cent change | | +31.9 | +4.7 | -4.2 | -14.0 | +27.5 | +4.3 | +16.5 | -3.6 | -14.3 | -9.1 | +52.4 | -4.6 | -4.0 |
| 1990 | 2nd quarter | 2.3 | 11.5 | 5.6 | 1.5 | 0.8 | 21.8 | 168 | 836 | 448 | 123 | 61 | 1,636 | 1,530 |
| | 3rd quarter | 1.8 | 9.8 | 6.9 | 1.1 | 1.0 | 20.6 | 130 | 824 | 612 | 94 | 63 | 1,721 | 1,611 |
| | 4th quarter | 2.9 | 9.9 | 5.7 | 1.3 | 1.0 | 20.9 | 195 | 1,262 | 771 | 94 | 76 | 2,398 | 2,287 |
| 1991 | 1st quarter p | 3.2 | 11.1 | 5.5 | 2.0 | 1.0 | 22.8 | 204 | 988 | 583 | 162 | 85 | 2,000 | 1,874 |
| | 2nd quarter p | 2.8 | 11.8 | 6.0 | 1.4 | 0.9 | 23.0 | 170 | 934 | 479 | 130 | 76 | 1,797 | 1,704 |
| | 3rd quarter p | 2.9 | 11.7 | 6.4 | 0.9 | 1.0 | 22.9 | 178 | 985 | 518 | 76 | 84 | 1,842 | 1,742 |
| | 4th quarter p | 2.8 | 11.2 | 5.8 | 1.3 | 1.0 | 22.1 | 182 | 979 | 499 | 103 | 98 | 1,862 | 1,744 |
| 1992 | 1st quarter p | 3.5 | 11.0 | 5.2 | 1.6 | 1.1 | 22.4 | 224 | 804 | 394 | 134 | 85 | 1,641 | 1,562 |
| Per cent change | | +10.1 | -1.3 | -5.2 | -22.2 | +12.6 | -1.9 | +9.8 | -18.6 | -32.4 | -17.3 | — | -18.0 | -16.6 |
| EXPORTS: (fob) | | | | | | | | | | | | | | |
| 1986 | | 2.4 | 81.9 | 21.1 | — | — | 105.4 | 190 | 6,281 | 2,199 | — | — | 8,670 | 8,670 |
| 1987 | | 1.6 | 80.6 | 19.2 | — | — | 101.5 | 109 | 6,765 | 1,893 | — | — | 8,767 | 8,767 |
| 1988 | | 1.3 | 70.5 | 19.4 | — | — | 91.2 | 96 | 4,515 | 1,646 | — | — | 6,257 | 6,257 |
| 1989 | | 1.5 | 49.2 | 20.5 | — | — | 71.2 | 109 | 4,024 | 2,039 | — | — | 6,172 | 6,172 |
| 1990 | | 1.6 | 54.2 | 21.0 | — | 0.3 | 77.1 | 119 | 5,172 | 2,455 | — | 25 | 7,771 | 7,771 |
| 1991 p | | 1.3 | 52.3 | 23.4 | — | — | 77.0 | 98 | 4,440 | 2,630 | — | — | 7,168 | 7,168 |
| Per cent change | | -20.4 | -3.6 | +11.4 | — | (—) | -0.2 | -9.2 | -14.2 | +7.1 | — | (—) | -7.8 | -7.8 |
| 1990 | 2nd quarter | 0.4 | 14.5 | 5.1 | — | — | 20.1 | 28 | 1,080 | 533 | — | — | 1,641 | 1,641 |
| | 3rd quarter | 0.4 | 11.7 | 5.0 | — | — | 17.0 | 26 | 1,186 | 520 | — | — | 1,732 | 1,732 |
| | 4th quarter | 0.4 | 13.0 | 5.2 | — | — | 18.6 | 29 | 1,566 | 746 | — | — | 2,341 | 2,341 |
| 1991 | 1st quarter p | 0.3 | 13.0 | 4.7 | — | — | 18.1 | 25 | 1,058 | 619 | — | — | 1,703 | 1,703 |
| | 2nd quarter p | 0.3 | 11.3 | 6.1 | — | — | 17.8 | 24 | 962 | 644 | — | — | 1,629 | 1,629 |
| | 3rd quarter p | 0.3 | 13.5 | 5.9 | — | — | 19.7 | 20 | 1,159 | 639 | — | — | 1,818 | 1,818 |
| | 4th quarter p | 0.3 | 14.6 | 6.6 | — | — | 21.5 | 29 | 1,261 | 727 | — | — | 2,017 | 2,017 |
| 1992 | 1st quarter p | 0.2 | 13.0 | 5.9 | — | — | 19.0 | 18 | 991 | 577 | — | — | 1,587 | 1,587 |
| Per cent change | | -37.5 | -0.3 | +24.0 | — | — | +5.4 | -28.0 | -6.3 | -6.8 | — | — | -6.8 | -6.8 |
| NET EXPORTS: | | | | | | | | | | | | | | |
| 1986 | | -3.9 | 49.7 | -3.2 | -11.1 | -1.0 | 30.5 | -267 | 3,841 | 120 | -1,320 | -80 | 2,294 | 2,687 |
| 1987 | | -4.2 | 47.5 | -1.6 | -10.2 | -2.8 | 28.6 | -281 | 4,061 | 12 | -878 | -242 | 2,673 | 2,949 |
| 1988 | | -6.2 | 37.6 | -2.2 | -9.1 | -3.1 | 17.9 | -376 | 2,471 | 100 | -692 | -268 | 1,235 | 1,582 |
| 1989 | | -6.0 | 12.9 | -1.2 | -8.9 | -3.4 | -6.6 | -403 | 945 | 146 | -615 | -305 | -228 | 101 |
| 1990 | | -7.3 | 10.6 | -3.8 | -6.6 | -2.9 | -10.0 | -511 | 1,139 | 32 | -519 | -200 | -93 | 413 |
| 1991 p | | -10.4 | 6.5 | -0.3 | -5.6 | -4.0 | -13.8 | -636 | 553 | 550 | -472 | -343 | -334 | 104 |
| 1990 | 2nd quarter | -1.9 | 3.0 | -0.5 | -1.5 | -0.8 | 0.7 | -140 | 244 | 85 | -123 | -61 | 5 | 111 |
| | 3rd quarter | -1.4 | 1.9 | -1.9 | -1.1 | -1.0 | -3.6 | -103 | 362 | -92 | -94 | -63 | 11 | 121 |
| | 4th quarter | -2.5 | -3.1 | -0.5 | -1.3 | -1.0 | -2.3 | -165 | 304 | -25 | -94 | -76 | -57 | 54 |
| 1991 | 1st quarter p | -2.9 | 1.9 | -0.7 | -2.0 | -1.0 | -4.8 | -175 | 70 | 36 | -160 | -85 | -297 | -171 |
| | 2nd quarter p | -2.5 | -0.6 | 0.5 | -1.4 | -0.9 | -4.9 | -146 | 28 | 165 | -130 | -77 | -168 | -75 |
| | 3rd quarter p | -2.6 | 1.8 | -0.5 | -0.9 | -1.0 | -3.3 | -158 | 174 | 121 | -76 | -84 | -30 | 76 |
| | 4th quarter p | -2.5 | 3.4 | 0.8 | -1.3 | -1.0 | -0.6 | -153 | 282 | 228 | -103 | -98 | 155 | 273 |
| 1992 | 1st quarter p | -3.3 | 2.0 | 0.7 | -1.6 | -1.1 | -3.4 | -206 | 187 | 183 | -134 | -85 | -54 | 25 |

1. The figures generally correspond to those published in Section 3 of the OTS. They may differ from figures shown elsewhere in Energy Trends, which come from other sources. Figures for crude oil from 1988, natural gas prior to 1986 and electricity from 1990 may include unpublished revisions. 2. Prior to 1988 the figures correspond to items 334, 335 and 341 (excluding natural gas imports) of the Standard International Trade Classification (S.I.T.C.) (Revision 2) and include liquefied gases other than natural gas and petroleum products not used as fuel, e.g. lubricants. For 1988 and 1989 they correspond to items 334, 335, 342, 343 (excluding imports of natural gas) and 344 of S.I.T.C. (Rev.3). 3. Value of imports adjusted to exclude the cost of freight, insurance etc.

PRICES

TABLE 25. Prices of fuels purchased by manufacturing industry in Great Britain¹

| Fuel | Size of Consumer | 1989 | | 1990 | | | | 1991 | | | |
|--|--------------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|---------------|
| | | 3rd Quarter | 4th Quarter | 1st Quarter | 2nd Quarter | 3rd Quarter | 4th Quarter | 1st Quarter | 2nd Quarter | 3rd Quarter | 4th Quarter p |
| COAL (£ per GJ) | Small | 2.42 | 2.30 | 2.44 | 2.35 | 2.46 | 2.41 | 2.39 | 2.35 | 2.32 | 2.47 |
| | Medium | 1.80 | 1.95 | 2.02 | 1.91 | 1.98 | 1.99 | 2.04 | 2.02 | 1.98 | 1.94 |
| | Large | 1.47 | 1.54 | 1.55 | 1.52 | 1.55 | 1.52 | 1.55 | 1.48 | 1.47 | 1.50 |
| | average | 1.53 | 1.61 | 1.62 | 1.58 | 1.62 | 1.59 | 1.63 | 1.56 | 1.56 | 1.58 |
| | 10% decile ² | 1.43 | 1.52 | 1.46 | 1.48 | 1.52 | 1.57 | 1.56 | 1.49 | 1.43 | 1.49 |
| | median ² | 2.28 | 2.28 | 2.34 | 2.26 | 2.20 | 2.24 | 2.26 | 2.29 | 2.20 | 2.27 |
| | 90% decile ² | 2.56 | 2.58 | 2.67 | 2.49 | 2.53 | 2.54 | 2.52 | 2.69 | 2.48 | 2.64 |
| HEAVY FUEL OIL (£ per tonne) ³ | Small | 85.6 | 85.0 | 82.5 | 72.1 | 88.1 | 99.3 | 78.8 | 68.6 | 66.7 | 73.4 |
| | Medium | 74.9 | 81.2 | 80.5 | 70.0 | 72.7 | 92.3 | 76.7 | 63.6 | 65.4 | 68.3 |
| | Large | 66.7 | 79.2 | 75.5 | 64.0 | 63.9 | 86.1 | 72.7 | 58.5 | 61.2 | 63.7 |
| | Of which: | | | | | | | | | | |
| | Extra large | 64.1 | 77.0 | 71.9 | 61.1 | 63.1 | 86.0 | 71.3 | 57.3 | 59.6 | 63.4 |
| | Moderately large | 71.4 | 83.2 | 82.1 | 69.3 | 65.5 | 86.4 | 75.3 | 60.8 | 64.3 | 64.1 |
| All consumers — | average | 72.0 | 80.7 | 78.2 | 67.2 | 70.1 | 90.0 | 74.9 | 61.6 | 63.4 | 66.6 |
| | 10% decile ² | 69.2 | 72.6 | 73.1 | 61.0 | 59.4 | 81.8 | 64.2 | 58.7 | 60.4 | 62.9 |
| | median ² | 74.1 | 83.4 | 80.8 | 70.0 | 76.1 | 93.0 | 79.5 | 65.0 | 64.4 | 69.9 |
| | 90% decile ² | 85.6 | 93.4 | 93.0 | 90.7 | 97.8 | 113.4 | 97.0 | 80.4 | 79.6 | 80.1 |
| GAS OIL (£ per tonne) ³ | Small | 135.3 | 153.1 | 156.8 | 142.1 | 159.9 | 193.1 | 188.4 | 154.3 | 154.3 | 158.5 |
| | Medium | 127.5 | 144.1 | 143.9 | 133.8 | 147.6 | 184.3 | 176.7 | 150.5 | 147.8 | 152.9 |
| | Large | 117.7 | 136.6 | 134.2 | 119.4 | 144.0 | 177.5 | 163.7 | 137.9 | 138.6 | 142.5 |
| | average | 119.6 | 138.1 | 136.2 | 122.1 | 144.9 | 178.9 | 166.3 | 140.2 | 140.4 | 144.5 |
| | 10% decile ² | 109.9 | 123.8 | 123.4 | 113.1 | 118.9 | 157.0 | 145.2 | 126.7 | 128.5 | 134.3 |
| | median ² | 127.3 | 146.7 | 149.6 | 133.8 | 151.7 | 187.8 | 176.7 | 146.3 | 144.8 | 152.9 |
| | 90% decile ² | 149.2 | 167.3 | 176.3 | 159.8 | 200.9 | 212.3 | 205.2 | 183.0 | 171.7 | 173.3 |
| ELECTRICITY (Pence per kWh) | Small | 5.04 | 6.26 | 6.46 | 5.45 | 5.67 | 6.74 | 6.74 | 6.19 | 6.43 | 7.54 |
| | Medium | 4.20 | 4.94 | 4.88 | 4.04 | 4.08 | 4.66 | 4.58 | 4.28 | 4.36 | 4.79 |
| | Large | 3.17 | 3.51 | 3.54 | 3.12 | 3.11 | 3.22 | 3.23 | 3.22 | 3.28 | 3.55 |
| | Of which: | | | | | | | | | | |
| | Extra large | 2.61 | 2.82 | 2.86 | 2.74 | 2.74 | 2.77 | 2.83 | 2.96 | 3.04 | 3.24 |
| | Moderately large | 3.59 | 4.05 | 4.06 | 3.41 | 3.39 | 3.57 | 3.55 | 3.42 | 3.47 | 3.79 |
| All consumers — | average | 3.54 | 4.03 | 4.05 | 3.49 | 3.50 | 3.79 | 3.78 | 3.66 | 3.73 | 4.09 |
| | 10% decile ² | 3.92 | 4.39 | 4.41 | 3.58 | 3.60 | 3.92 | 3.91 | 3.67 | 3.70 | 4.15 |
| | median ² | 4.64 | 5.90 | 5.89 | 5.20 | 5.36 | 6.35 | 6.30 | 5.76 | 5.90 | 7.00 |
| | 90% decile ² | 6.29 | 7.43 | 7.28 | 6.38 | 7.04 | 8.00 | 8.07 | 7.23 | 7.60 | 8.61 |
| GAS (Pence per therm) ⁴ | Small | 35.25 | 35.19 | 35.16 | 36.24 | 36.70 | 37.95 | 39.76 | 39.48 | 41.22 | 39.51 |
| | Medium | 26.96 | 29.01 | 29.09 | 29.49 | 27.51 | 29.90 | 30.67 | 30.44 | 26.06 | 27.98 |
| | Large | 20.21 | 20.59 | 21.21 | 20.46 | 20.89 | 21.03 | 21.68 | 20.56 | 19.28 | 19.59 |
| | average | 21.24 | 22.20 | 23.05 | 21.84 | 21.99 | 22.78 | 23.94 | 22.23 | 20.33 | 21.26 |
| | Firm ⁵ | 26.54 | 28.74 | 28.83 | 27.11 | 26.54 | 28.80 | 29.24 | 26.96 | 24.71 | 27.25 |
| | Interruptible ⁵ | 17.00 | 17.31 | 18.27 | 18.49 | 18.78 | 18.55 | 18.78 | 18.19 | 17.68 | 17.20 |
| | Tariff ⁵ | 36.23 | 36.20 | 38.32 | 38.49 | 41.87 | 41.43 | 42.77 | 42.70 | 44.60 | 43.35 |
| | 10% decile ² | 25.85 | 27.39 | 27.10 | 26.57 | 25.38 | 26.60 | 26.63 | 24.87 | 23.35 | 25.56 |
| | median ² | 33.92 | 34.00 | 33.99 | 33.49 | 34.50 | 36.34 | 38.52 | 37.31 | 39.60 | 39.37 |
| | 90% decile ² | 40.94 | 40.53 | 40.64 | 43.19 | 45.54 | 44.40 | 44.68 | 45.62 | 49.13 | 46.46 |
| MEDIUM FUEL OIL (£ per tonne) ³ | All consumers — average ⁶ | 73.3 | 85.4 | 82.0 | 73.1 | 73.4 | 100.2 | 91.8 | 81.2 | 74.9 | 82.1 |
| LIQUEFIED PETROLEUM GASES (£ per tonne) | All consumers — average ⁶ | 118.1 | 117.9 | 129.8 | 121.2 | 119.4 | 172.3 | 194.9 | 147.9 | 128.7 | 140.5 |
| HARD COKE (£ per tonne) ⁷ | All consumers — average ⁶ | 94.3 | 106.7 | 104.3 | 108.4 | 105.8 | 101.0 | 103.7 | 100.4 | 106.7 | 108.5 |
| Realised in new and renewed contracts | | | | | | | | | | | |
| HEAVY FUEL OIL (£ per tonne) ^{3,8} | | 100.9 | 112.3 | 103.4 | 72.2 | 91.3 | 108.6 | 107.2 | 65.4 | 62.7 | 67.9 |
| GAS OIL (£ per tonne) ^{3,8} | | 140.8 | 165.0 | 144.3 | 123.3 | 170.2 | 189.0 | 164.3 | 131.3 | 142.0 | 140.9 |

1. Average prices paid by respondents (exclusive of VAT) to a Department of Trade and Industry survey of some 1,200 manufacturing sites. The average price for each size of consumer is obtained by dividing the total quantity of purchases, for each fuel, into their total value. Prices vary widely around the average values shown (see footnote 2). Purchases of fuels used as raw materials in manufacturing are excluded. For further details, see the annual "Digest of United Kingdom Energy Statistics". 2. The 10% decile is the point within the complete range of prices below which the bottom 10% of those prices fall. Similarly the 90% decile is the point above which the top 10% of the prices occur. The median is the midway point. Thus, these values show the spread of prices paid. The deciles and the median are calculated by giving equal 'weight' to each purchaser, whereas the average prices, for each size-band and all consumers are given 'weight' according to the quantity purchased. 3. Oil product prices include hydrocarbon oil duty. 4. Covers all supplies of natural gas including, for example, those purchased direct from onshore/offshore gas fields. Respondents purchasing more than one type of supply (tariff, firm contract and interruptible contract) are treated as separate entities in respect of each type of supply. 5. Prices by type of supply cover consumers of all sizes. Data prior to 1989 are not available. 6. No further details of prices can be given owing to the small number of respondents purchasing this fuel. 7. Excludes breeze and blast furnace supplies. 8. Derived from prices reported by nine main oil marketing companies and relate to average net prices realised on medium sized new contracts or contracts renewed at a changed price.

Note on sizebands used in Table 25

For coal, heavy fuel oil, gas oil, electricity and gas prices are shown in table 25 for various sizes of consumers. These sizebands are defined in terms of the approximate annual purchases by the consumers within them. These are shown below.

| Fuel | Range of annual purchases of which: | | | | |
|----------------------------|-------------------------------------|--------------|------------------|--------------|-----------|
| | Large | Extra large | Moderately large | Medium | Small |
| | Greater than | Greater than | | | Less than |
| Coal (tonnes) | 7,600 | n/a | n/a | 760 to 7,600 | 760 |
| Heavy fuel oil (tonnes) | 4,900 | 15,000 | 4,900 to 15,000 | 490 to 4,900 | 490 |
| Gas oil (tonnes) | 175 | n/a | n/a | 35 to 175 | 35 |
| Electricity (thousand kWh) | 8,800 | 150,000 | 8,800 to 150,000 | 880 to 8,800 | 880 |
| Gas* (thousand therms) | 300 | n/a | n/a | 50 to 300 | 50 |

* Respondents purchasing more than one type of supply (tariff, firm contract and interruptible contract) are treated as separate entities in respect of each type of supply.

TABLE 26. Average prices of fuels purchased by the major UK electricity generating companies¹ and by British Gas

| | Major electricity generating companies ¹ | | | British Gas | |
|------------------|---|------------------|------------------|--------------------------|---------|
| | Coal ² | Oil ³ | Gas ⁴ | Natural gas ⁵ | |
| | £ per tonne | £ per tonne | pence per therm | pence per therm | |
| 1987 | 43.76 | 74.63 | 21.54 | 14.00 | 1987/88 |
| 1988 | 47.11 | 54.58 | 17.88 | 14.66 | 1988/89 |
| 1989 | 45.81 | 61.19 | 19.49 | 15.48 | 1989/90 |
| 1990 | 43.77 | 54.82 | .. | 16.85 | 1990/91 |
| 1991 p | 43.36 | 57.97 | .. | 17.44 | 1991 |
| 1990 1st quarter | 44.60 | 63.20 | .. | 15.50 | |
| 2nd quarter | 42.72 | 41.56 | .. | 16.20 | |
| 3rd quarter | 43.55 | 51.96 | .. | 15.33 | |
| 4th quarter | 44.21 | 84.04 | .. | 17.97 | |
| 1991 1st quarter | 42.18 | 63.71 | .. | 18.20 | |
| 2nd quarter | 43.12 | 56.12 | .. | 17.02 | |
| 3rd quarter | 42.61 | 52.21 | .. | 16.95 | |
| 4th quarter p | 45.75 | 59.89 | .. | 17.08 | |

1. See definitions below Table 29. 2. Includes slurry. 3. Includes oil for burning, for gas turbines and for internal combustion engines (other than for use in road vehicles). Excludes any natural gas liquids burnt at Peterhead power station. 4. From 1990 gas prices are not available for reasons of confidentiality. 5. Quarterly figures are estimates. Prior to 1991 annual figures are for financial years to 31 March. The prices exclude the Government's levy on indigenous supplies. Including the levy, the average prices were as follows:

| | pence per therm |
|---------|-----------------|
| 1987/88 | 16.37 |
| 1988/89 | 16.67 |
| 1989/90 | 17.26 |
| 1990/91 | 18.19 |
| 1991 | 18.79 |

TABLE 27. Fuel price indices for the industrial sector¹

1985=100

| | Coal ² | Heavy fuel oil ² | Gas ³ | Electricity ³ | Total fuel | | |
|---|-------------------|-----------------------------|-------------------------|--------------------------|-------------------------|---------------------------|------------------|
| Current fuel price index numbers | | | | | | | |
| 1986 | 95 | 48 | 87 | 101 | 83 | | |
| 1987 | 91 | 51 | 82 | 98 | 81 | | |
| 1988 | 81 | 38 | 78 | 103 | 78 | | |
| 1989 | 79 | 41 | 76 | 111 | 81 | | |
| 1990 | 81 | 45 | 77 | 111 | 82 | | |
| 1991 p | 80 | 40 | 78 | 114 | 83 | | |
| Per cent change | -2 | -13 | +1 | +3 | — | | |
| | | | | | | | |
| | | | Not seasonally adjusted | Seasonally adjusted | Not seasonally adjusted | Seasonally adjusted | |
| 1990 2nd quarter | 80 | 40 | 77 | 77 | 104 | 107 | 80 |
| 3rd quarter | 82 | 41 | 72 | 76 | 103 | 108 | 81 |
| 4th quarter | 81 | 53 | 79 | 78 | 115 | 109 | 84 |
| 1991 1st quarter | 82 | 44 | 85 | 81 | 115 | 111 | 84 |
| 2nd quarter | 79 | 36 | 79 | 79 | 109 | 113 | 81 |
| 3rd quarter | 79 | 37 | 71 | 75 | 109 | 115 | 82 |
| 4th quarter p | 80 | 39 | 76 | 76 | 124 | 117 | 83 |
| Per cent change | -1 | -26 | -3 | -3 | +8 | +8 | -1 |
| | | | | | | | |
| Fuel price index numbers relative to the GDP deflator | | | | | | GDP deflator ⁴ | PPI ⁵ |
| 1986 | 92 | 46 | 84 | 98 | 80 | 104 | 94 |
| 1987 | 84 | 47 | 76 | 90 | 75 | 109 | 97 |
| 1988 | 70 | 33 | 68 | 89 | 67 | 116 | 102 |
| 1989 | 64 | 33 | 61 | 89 | 65 | 124 | 107 |
| 1990 | 62 | 34 | 58 | 84 | 63 | 132 | 107 |
| 1991 p | 57 | 28 | 55 | 81 | 59 | 141 | 105 |
| Per cent change | -8 | -18 | -6 | -3 | -6 | +7 | -2 |
| | | | | | | | |
| | | | Not seasonally adjusted | Seasonally adjusted | Not seasonally adjusted | Seasonally adjusted | |
| 1990 2nd quarter | 62 | 30 | 59 | 59 | 80 | 83 | 60 |
| 3rd quarter | 62 | 31 | 54 | 57 | 77 | 81 | 58 |
| 4th quarter | 60 | 39 | 58 | 58 | 85 | 81 | 64 |
| 1991 1st quarter | 60 | 32 | 62 | 59 | 84 | 81 | 63 |
| 2nd quarter | 56 | 26 | 56 | 56 | 77 | 80 | 57 |
| 3rd quarter | 55 | 26 | 50 | 53 | 76 | 81 | 55 |
| 4th quarter p | 55 | 27 | 53 | 53 | 86 | 82 | 60 |
| Per cent change | -7 | -31 | -9 | -9 | +1 | +1 | -7 |

1. Index numbers shown represent the average for the period specified. VAT is excluded. 2. Indices based on a survey of the prices of fuels delivered to industrial consumers in Great Britain only as shown in Table 25. 3. Indices based on the average unit value of sales to industrial consumers. 4. GDP deflator at market prices and seasonally adjusted. 5. PPI of materials.

Note on fuel price indices (Tables 27 and 28)

Since February 1990 both the domestic and industrial fuel price index numbers have been shown relative to the gross domestic product (GDP) deflator, which has been used as an indicator of how prices in general have moved. The previous index numbers, with domestic price indices shown relative to the RPI excluding fuels, and the industrial price indices relative to the PPI of materials, have now been discontinued. The two comparators (the RPI excluding fuels and the PPI of materials) are still published in the tables so that users can calculate the old indices if they wish. More accurate figures can be obtained on request from Margaret Gibbs, Room 3.3.13, 1 Palace Street, London SW1E 5HE. (Telephone 071-238 3566).

TABLE 28. Fuel price indices for the domestic sector¹

1985=100

| | Coal and coke | Gas | Electricity | Heating oils ² | Fuel and light | Petrol and oil | Fuel, light, petrol and oil | | |
|--|---------------|-----|-------------|---------------------------|----------------|----------------|-----------------------------|---------------------------|--------------------------------|
| Current fuel price index numbers | | | | | | | | | |
| 1986 | 103 | 102 | 102 | 86 | 101 | 87 | 95 | | |
| 1987 | 104 | 101 | 102 | 80 | 101 | 88 | 96 | | |
| 1988 | 105 | 102 | 107 | 72 | 103 | 87 | 97 | | |
| 1989 | 107 | 106 | 115 | 78 | 109 | 93 | 103 | | |
| 1990 | 111 | 113 | 124 | 102 | 118 | 104 | 112 | | |
| 1991 | 118 | 121 | 137 | 98 | 127 | 112 | 121 | | |
| Per cent change | +6 | +7 | +10 | -4 | +8 | +8 | +8 | | |
| 1990 3rd quarter | 108 | 115 | 128 | 100 | 120 | 108 | 115 | | |
| 4th quarter | 116 | 116 | 128 | 130 | 123 | 112 | 119 | | |
| 1991 1st quarter | 118 | 119 | 128 | 112 | 123 | 103 | 114 | | |
| 2nd quarter | 114 | 121 | 135 | 93 | 125 | 115 | 121 | | |
| 3rd quarter | 116 | 123 | 142 | 92 | 129 | 115 | 123 | | |
| 4th quarter | 122 | 123 | 142 | 93 | 130 | 114 | 123 | | |
| 1992 1st quarter p | 124 | 123 | 142 | 85 | 129 | 110 | 121 | | |
| Per cent change | +5 | +3 | +11 | -24 | +5 | +7 | +6 | | |
| Fuel price index numbers relative to the GDP deflator | | | | | | | | | |
| | | | | | | | | GDP deflator ³ | RPI (excl. fuels) ⁴ |
| 1986 | 100 | 98 | 99 | 83 | 98 | 84 | 92 | 104 | 104 |
| 1987 | 96 | 93 | 94 | 73 | 93 | 81 | 88 | 109 | 109 |
| 1988 | 91 | 88 | 93 | 62 | 89 | 75 | 83 | 116 | 115 |
| 1989 | 86 | 86 | 93 | 63 | 88 | 75 | 83 | 124 | 124 |
| 1990 | 84 | 86 | 94 | 77 | 89 | 79 | 85 | 132 | 135 |
| 1991 p | 83 | 86 | 97 | 69 | 90 | 79 | 86 | 141 | 143 |
| Per cent change | — | — | +3 | -10 | +1 | +1 | +1 | +7 | +6 |
| 1990 3rd quarter | 81 | 87 | 96 | 75 | 90 | 81 | 86 | 133 | 137 |
| 4th quarter | 86 | 86 | 95 | 96 | 91 | 83 | 88 | 135 | 139 |
| 1991 1st quarter | 87 | 87 | 94 | 82 | 90 | 75 | 84 | 137 | 140 |
| 2nd quarter | 81 | 86 | 96 | 66 | 89 | 81 | 86 | 141 | 143 |
| 3rd quarter | 81 | 86 | 100 | 65 | 91 | 81 | 87 | 142 | 143 |
| 4th quarter | 85 | 85 | 99 | 65 | 90 | 79 | 86 | 144 | 145 |
| 1992 1st quarter p | 85 | 85 | 98 | 59 | 89 | 76 | 84 | 145 | 144 |
| Per cent change | -1 | -2 | +5 | -28 | -1 | +1 | — | +6 | +3 |

1. Index numbers shown represent the average for the period specified. 2. Bottled gas and oil fuel. 3. GDP deflator (market prices, seasonally adjusted). The GDP deflator for the first quarter of 1992 has been estimated using the change in the RPI (all items). 4. RPI (all items other than fuels).

TABLE 29. Typical retail prices of petroleum products and a crude oil price index

| | | Motor spirit ¹ | | | Derv ¹ | Standard Grade burning Oil ^{1,3} | Gas oil ^{1,4} | Crude oil acquired by refineries ⁵ |
|------|-----------|---------------------------|--------|-----------------------|-------------------|---|------------------------|---|
| | | 2 star | 4 star | Unleaded ² | | | | |
| | | Pence per litre | | | | | 1985 = 100 | |
| 1987 | January | 37.57 | 38.42 | .. | 35.00 | 13.52 | 14.70 | 50.7 |
| 1988 | January | 35.98 | 36.79 | .. | 33.94 | 11.97 | 12.29 | 44.8 |
| 1989 | January | 36.36 | 37.14 | 36.02 | 34.17 | 11.41 | 11.15 | 41.8 |
| 1990 | January | .. | 40.92 | 38.37 | 39.21 | 15.45 | 15.46 | 57.5 |
| 1991 | January | .. | 45.13 | 42.14 | 43.31 | 17.52 | 17.13 | 65.9 |
| 1990 | November | .. | 47.53 | 44.55 | 44.52 | 20.64 | 18.11 | 84.1 |
| | December | .. | 44.28 | 41.29 | 43.70 | 17.67 | 17.35 | 76.3 |
| 1991 | January | .. | 45.13 | 42.14 | 43.31 | 17.52 | 17.13 | 65.9 |
| | February | .. | 43.62 | 40.61 | 43.19 | 16.68 | 15.39 | 58.6 |
| | March | .. | 44.56 | 41.53 | 40.18 | 13.54 | 13.40 | 53.0 |
| | April | .. | 49.03 | 45.41 | 43.41 | 12.49 | 12.16 | 51.6 |
| | May | .. | 50.16 | 46.64 | 43.64 | 13.15 | 12.91 | 54.6 |
| | June | .. | 50.04 | 46.53 | 43.64 | 13.38 | 13.05 | 51.8 |
| | July | .. | 50.65 | 47.08 | 44.26 | 13.67 | 12.97 | 52.8 |
| | August | .. | 50.23 | 46.71 | 44.17 | 13.33 | 12.71 | 53.6 |
| | September | .. | 50.11 | 46.58 | 44.24 | 13.64 | 13.01 | 55.9 |
| | October | .. | 49.99 | 46.48 | 45.10 | 14.18 | 13.66 | 56.4 |
| | November | .. | 49.69 | 46.18 | 46.05 | 14.33 | 14.25 | 58.1 |
| | December | .. | 48.39 | 44.86 | 44.50 | 13.43 | 13.16 | 53.0 |
| 1992 | January | .. | 46.93 | 43.43 | 43.19 | 12.47 | 12.02 | 48.3r |
| | February | .. | 47.76 | 44.23 | 43.69 | 12.88 | 12.31 | 48.4 |
| | March | .. | 50.37 | 46.02 | 44.38 | 12.40 | 11.98 | 47.4p |

These approximate estimates are generally representative of prices paid on or about the 15th of the month. Estimates are based on information provided by oil marketing companies. The January 1989 price for unleaded motor spirit is based on information from fewer companies and is therefore less reliable than the other estimates given. 2. Price for premium unleaded with minimum octane rating of 95. 3. These estimates are for deliveries of up to 1,000 litres; such deliveries are zero rated for VAT. 4. These estimates are for deliveries of 2,000 to 5,000 litres; such deliveries are zero rated for VAT. 5. Price index for supplies received by refineries in the UK from both indigenous and imported sources. It represents the average for the month calculated in sterling on a cif basis.

DEFINITIONS AND ABBREVIATIONS

Major generating companies — National Power, PowerGen, Nuclear Electric, National Grid Company, ScottishPower, Hydro-Electric, Scottish Nuclear, Northern Ireland Electricity, Midlands Electricity and South Western Electricity.

Other generating companies — Industrial establishments, including those in the energy sector (other than major generating companies), and transport undertakings generating 1 Gigawatt hour or more a year.

BCC — British Coal Corporation

CHP — Combined heat and power

LDF — Light distillate feedstock

OTS — Overseas Trade Statistics of the United Kingdom

PPI — Producer price index

UKAEA — United Kingdom Atomic Energy Authority

BNF — British Nuclear Fuels plc

GDP — Gross domestic product

NGL — Natural gas liquids

RPI — Retail prices index

UKCS — United Kingdom Continental Shelf

VAT — Value added tax

Supplement: Industrial Gas and Electricity Prices in the European Community

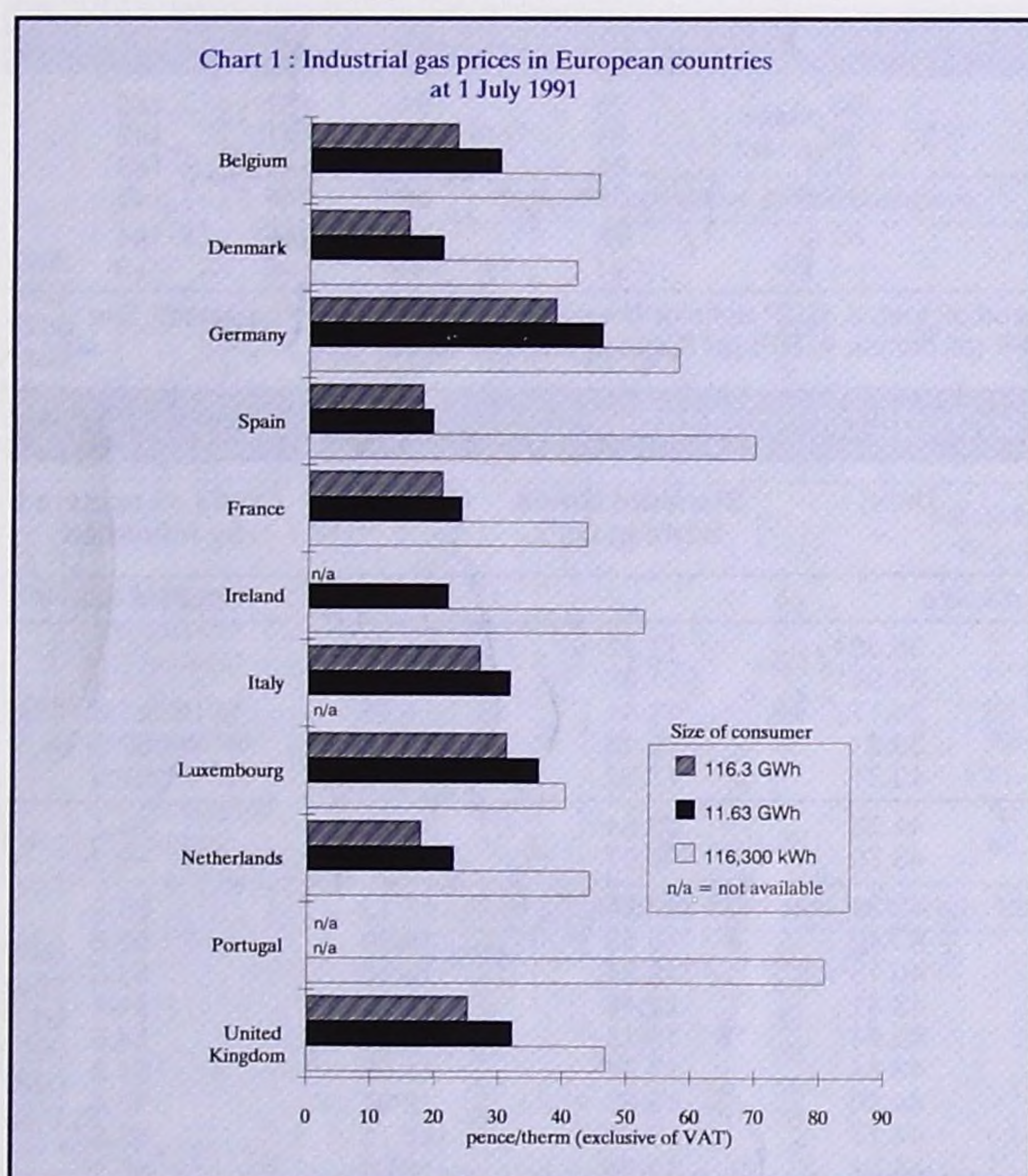
As part of the moves to establish a single market in the European Community, a number of measures towards an internal energy market have been adopted. One of these concerns the publication of data on gas and electricity prices charged to industrial customers, as a step towards the elimination of discriminatory pricing by utilities which have dominant market positions. A Directive was therefore agreed by European Community Member States in 1990 setting out a procedure for the collection and publication of such prices twice a year. The prices were first collected for July 1991 and were published by Eurostat (the Statistical Office of the European Communities) at the end of last year. This supplement indicates the data available and explains where the figures are published.

Industrial Gas Prices

Under the Directive, gas prices are collected for 7 categories of industrial consumer, representing various levels of consumption. For larger countries, prices are supplied for different cities or regions. As a public gas supply is only in the introductory stage, Greece is exempt from providing information.

The data for three of the categories used for gas prices, reflecting a range within the Directive's 7 categories, are illustrated in **Chart 1** below. The categories shown, which relate to **annual** consumption, are:

- (a) 116.3 GWh (approximately 4 million therms) over 330 days;
- (b) 11.63 GWh (approximately 0.4 million therms) over 250 days;
- (c) 116,300 kWh (approximately 4 thousand therms).



For each country, prices in the capital city have been used except Germany, where the prices relate to Dusseldorf, Spain (the North and East region), Italy (Milan) and the Netherlands (Rotterdam). Prices in the United Kingdom are broadly within the middle of the range of prices applying in the Member States.

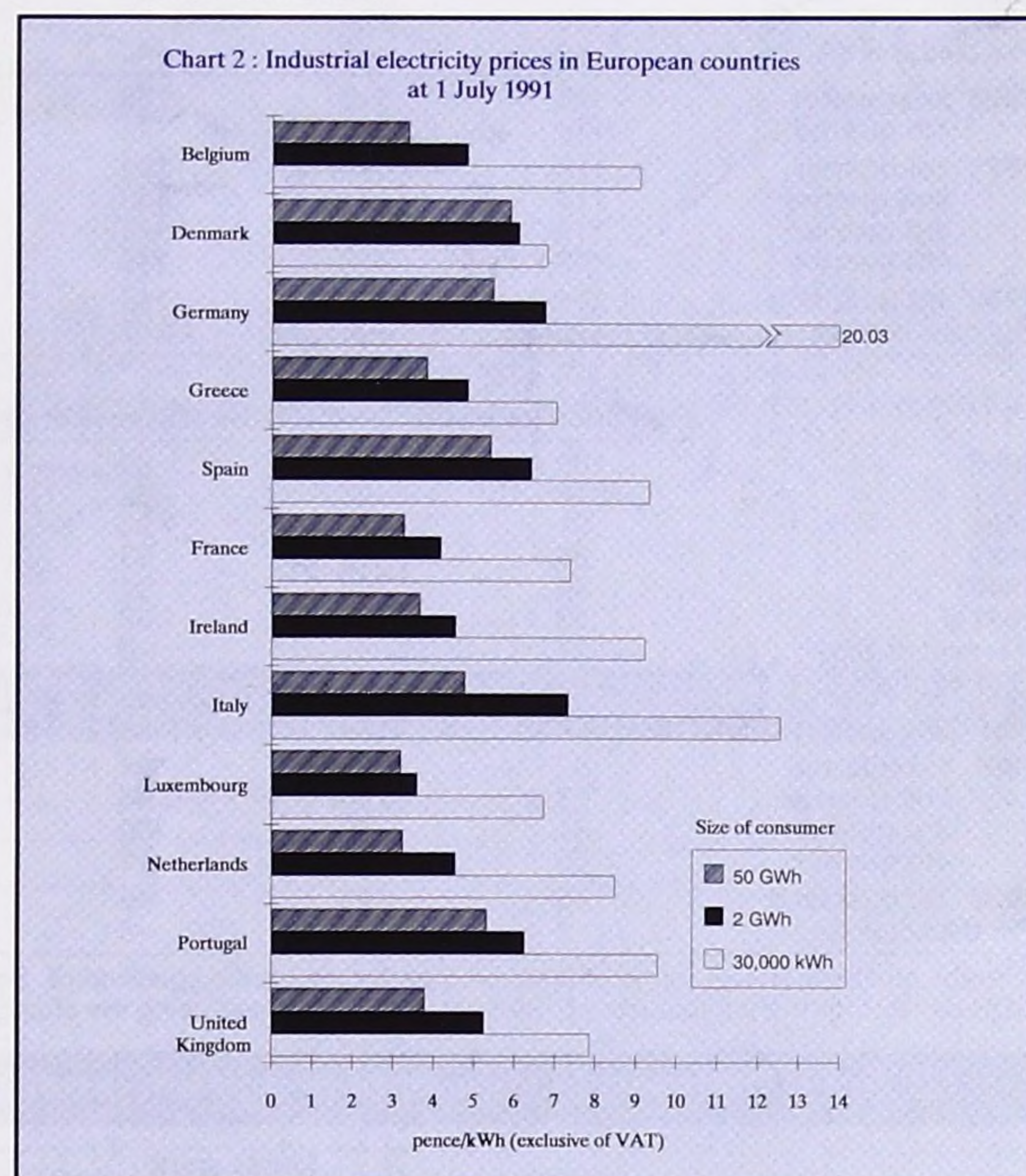
Industrial Electricity Prices

For electricity, "reference" prices were collected for 9 categories (representing different levels of consumption and demands) of consumer with demands of 10MW or less and "marker" prices for 3 categories of large consumer with demands between 25MW and 75MW.

Chart 2 shows prices for three of the 9 "reference" prices, again selected to represent a spread over the different categories. ("Marker" prices are only available for nine Member States, as smaller countries have few consumers with demands over 10MW.) The categories,

again in terms of annual consumption and specifying approximate load factors and levels of maximum demand, are:

- (a) 50 GWh, with maximum demand of 10MW and 5,000 hours utilisation;
- (b) 2 GWh, with maximum demand of 500kW and 2,500 hours utilisation;
- (c) 30,000 kWh, with maximum demand of 30kW and 1,000 hours utilisation.



The prices shown for each country are for the capital, except for Germany (Dusseldorf), Italy (Milan) and the Netherlands (Rotterdam). As for gas, electricity prices in the United Kingdom are in the middle of the range of prices, lower than in many other Member States but higher than in some. Although not shown here, a similar picture emerges for the 3 "marker" price categories for large consumers.

Technical Details

The Directive under which industrial gas and electricity prices are collected and published is Council Directive 90/377/EEC of 29 June 1990 concerning a Community procedure to improve the transparency of gas and electricity prices charged to industrial end-users, published in the Official Journal no L185 on 17 July 1990.

Publication of the data has been in Eurostat's Rapid Reports (Energy and industry). The first data were contained in issues for 1991, nos 19 and 20 and updated figures were later published in issues for 1992, nos 3 and 4. In addition, price systems in force in each of the member states were summarised in issues 1991, nos 22 and 23.

International Comparisons

Comparisons of energy prices in different countries must be treated with caution. Prices are determined by a variety of different factors, for example according to maximum demand and load profile for electricity. These factors, and the effect each has, can vary considerably from country to country and they can have a major influence on prices recorded. It may also be the case for the prices supplied under the EC Directive that there is no customer in some of the categories in particular countries, so that the price quoted is not actually paid by any business. Further a price applicable to one consumer may not be relevant to a consumer with different characteristics, even though they may have similar consumptions.

When converted to a common currency, the exchange rates ruling at the date of conversion have an influence. Relationships between prices could be different on a different day if exchange rates have fluctuated. Different levels of taxation also affect prices paid by consumers.

Enquiries about the data in, or subscriptions to, this bulletin should be addressed to: Economics & Statistics Division, (attention: David Clark) Room 3.3.26, Department of Trade & Industry, 1 Palace Street, London SW1E 5HE (tel: 071-238 3606). Suggestions about changes to the content or scope of the bulletin should be sent to the same address, (attention Mike Ward).

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