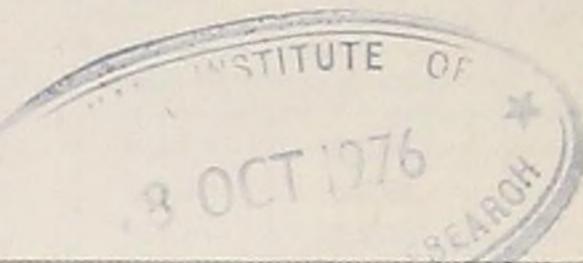
DEPARTMENT OF ENERGY

A Statistical Bulletin

SEPTEMBER 1976

Consumption up despite weather



Total Energy

Consumption slightly higher

Total inland energy consumption on a primary fuel input basis in the three month period May to July was about 1 per cent higher than in the corresponding period of 1975. Coal consumption was up by about 11/2 per cent while in contrast, petroleum was down by nearly 11/2 per cent. After temperature correction and seasonal adjustment, total energy consumption was up by over 3 per cent.

Rather surprisingly, while most of the country has experienced the worst drought in 200 years, rainfall in the catchment area of the North of Scotland Hydro Electric Board where most of the hydro electric capacity is located has been a little higher than average and supplies of hydro-electricity were as a result nearly a third higher than last year.

Natural gas consumption during the year to date was 9 per cent higher than in the comparable period of last year. However, almost the whole of the increase occurred in the first four months of the year and consumption in the very warm period May to July was only marginally greater than a year ago.

Coal

Overall consumption higher

Total consumption of coal during the three month period June to August was about 21/2 per cent higher than in the corresponding period of 1975. Power station and coke oven use increased by about 71/2 and 81/2 per cent respectively, but in all other sectors the declining trend evident in recent months continued.

Coal stocks held at power stations rose by half a million tons during August and now total just under 20 million tons. Stocks at coke ovens followed the normal seasonal pattern in that sector and declined by nearly 400 thousand tons, NCB stocks fell by 300 thousand tons and there was an overall drop of 177 thousand tons during the month.

Gas

North Sea Offtake lower

During the period June to August total supplies of natural gas were about 3 per cent lower than in the corresponding period of 1975. Offtake from the North Sea was reduced by about 41/2 per cent and although the use of imported Algerian methane increased by nearly a half, the quantity involved is very small in relation to total requirements. Gas sent out in the three months June to August was also down but by less than 2 per cent.

Electricity

Further Small Increase in demand

Total electricity supplied in the three months May to July was about 1½ per cent greater than in the corresponding period of last year. In the latest month of the period alone, the increase was nearly 31/2 per cent and is a reflection of increasing demand by industrial consumers. The nuclear contribution, which was over a third higher than last year, is partly the result of additional supplies of electricity flowing from the first two public supply Advanced Gas Cooled Reactors. Although not yet fully operational, these stations have been producing electricity in pre-commissioning operations for several months.

Petroleum

Lighter products in demand

Total inland deliveries of petroleum products in the May to July period were about 1 per cent lower than in the corresponding period of last year. However, with the exception of the heavier products, fuel oil, gas/diesel oil and bitumen, all products were in greater demand than a year ago. Of the principal products, naphtha deliveries increased by over 8 per cent and indicate a substantial degree of increased activity in the petro-chemical industry.

Production of North Sea crude oil in July was lower than in the previous month because of work on modifications to production platforms. Nevertheless, production in the three month period May to July was nearly 21/2 million tons and this is reflected in the fall of over 7 per cent in net arrivals of crude oil from overseas.

Supplementary Data

Fuel Prices

Data on the prices of fuels used by industry during the second quarter of 1976 are now available. For the first time since these series were introduced, a drop in price is shown by every fuel. This is probably partly a seasonal effect and partly a reflection of generally depressed demand earlier in the year.

This Bulletin is prepared by the Economics and Statistics Division of the Department of Energy. Further copies of the Bulletin may be obtained from:

Information Division, Department of Energy, Room 1674, Thames House South, Millbank, London SW1P 4QJ.

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 Table 1. Monthly figures relate to four week periods except where otherwise indicated.

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. All figures relate to the United Kingdom unless otherwise indicated.

Explanatory notes on the definitions and concepts used in the tables and on the relationship between some of the main series are given in the Supplement to the March issue of Energy Trends and on the first page of the August issue. Extra copies of that Supplement may be obtained from the Department of Energy.

Symbols used in the tables

- not available.
- nil or less than half the final digit shown.
- five-week period.
- provisional.

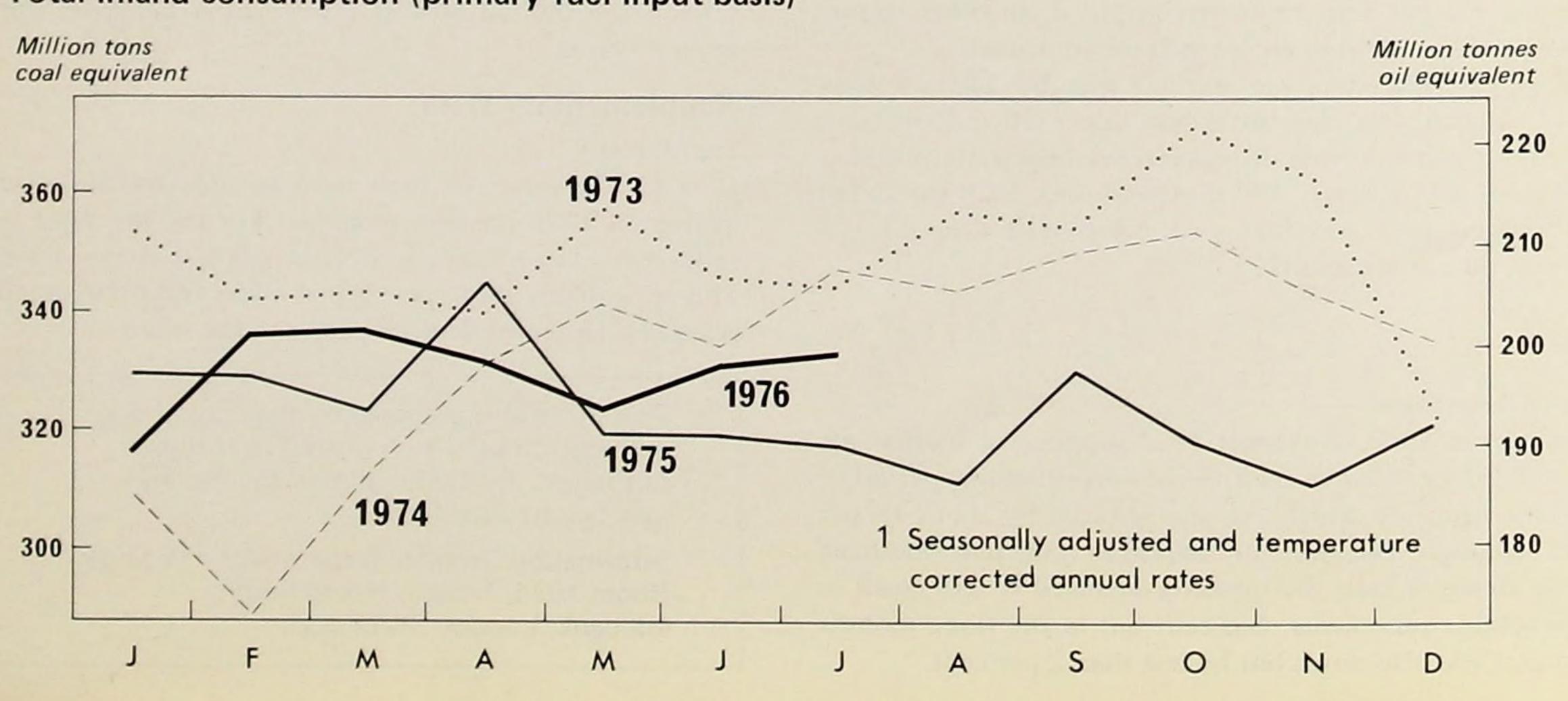
Total energy

TABLE 1. Inland energy consumption: primary fuel input basis

| TABLE I. Inia | Tu chicig | COMBAN | iption. pi | iiiiai y i | | | | | | | 1 | |
|-----------------|------------|-------------------|------------------------|----------------|-------------------------|-----------------------|------------|-------------------|------------------------|----------------|------------------------|-----------------------|
| | Total | Coal ¹ | Petroleum ² | Natural gas | | Hydro- electricity | Total | Coal ¹ | Petroleum ² | Natural gas | Nuclear electricity | Hydro- electricity |
| | Million to | ns of coal o | or coal equiva | alent | | | Million me | etric tonnes | of oil or oil | equivalent | | |
| 1973 | 347.9 | 130.8 | 161.6 | 43.6 | 9.9 | 2.0 | 207.9 | 78.2 | 96.6 | 26.0 | 5.9 | 1.2 |
| 1974 | 332.2 | 116.0 | 150.1 | 52.1 | 11.9 | 2.1 | 198.6 | 69.3 | 89.7 | 31.2 | 7.1 | 1.3 |
| 1975 | 319.7 | 118.1 | 134.4 | 54.5 | 10.8 | 1.9 | 191.1 | 70.6 | 80.3 | 32.6 | 6.4 | 1.2 |
| Per cent change | -3.8 | +1.8 | -10.5 | +4.7 | -9.7 | -7.2 | -3.8 | +1.8 | -10.5 | +4.7 | -9.7 | -7.2 |
| 1975 Jan-July | 188.4 | 70.8 | 78.8 | 31.5 | 6.2 | 1.1 | 112.6 | 42.3 | 47.1 | 18.8 | 3.7 | 0.7 |
| 1976 Jan-July p | 189.5 | 70.5 | 76.6 | 34.3 | 6.9 | 1.2 | 113.3 | 42.1 | 45.8 | 20.5 | 4.2 | 0.7 |
| Per cent change | +0.6 | -0.5 | -2.7 | +9.0 | +12.0 | +8.7 | +0.6 | -0.5 | -2.7 | +9.0 | +12.0 | +8.7 |
| 1975 May | 23.4 | 9.1 | 9.4 | 4.1 | 0.7 | 0.1 | 14.0 | 5.4 | 5.7 | 2.4 | 0.4 | 0.1 |
| June* | 25.2 | 9.9 | 11.4 | 3.1 | 0.7 | 0.1 | 15.0 | 5.9 | 6.8 | 1.8 | 0.5 | - |
| July | 19.2 | 7.4 | 8.3 | 2.8 | 0.6 | 0.1 | 11.5 | 4.5 | 5.0 | 1.6 | 0.4 | _ |
| Total | 67.8 | 26.4 | 29.1 | 10.0 | 2.0 | 0.3 | 40.5 | 15.8 | 17.5 | 5.8 | 1.3 | 0.1 |
| 1976 May | 23.2 | 9.0 | 9.0 | 4.2 | 0.9 | 0.1 | 13.8 | 5.3 | 5.4 | 2.5 | 0.5 | 0.1 |
| June* | 25.7 | 10.1 | 11.4 | 3.1 | 1.0 | 0.1 | 15.3 | 6.0 | 6.8 | 1.8 | 0.6 | 0.1 |
| July p | 19.7 | 7.7 | 8.4 | 2.7 | 0.8 | 0.1 | 11.8 | 4.6 | 5.1 | 1.6 | 0.5 | - |
| Total | 68.6 | 26.8 | 28.8 | 10.0 | 2.7 | 0.3 | 40.9 | 15.9 | 17.3 | 5.9 | 1.6 | 0.2 |
| Per cent change | +1.1 | +1.5 | -1.3 | +0.6 | +30.4 | +28.5 | +1.1 | +1.5 | -1.3 | +0.6 | +30.4 | +28.5 |
| | Seasonally | adjusted an | d temperatur | re correcte | ed ³ (annual | rates) | | | | | | |
| 1975 Jan-July | 325.9 | 123.0 | 137.6 | 53.1 | 10.4 | 1.8 | 194.8 | 73.5 | 82.3 | 31.7 | 6.2 | 1.1 |
| 1976 Jan-July p | 330.1 | 124.2 | 135.4 | 56.6 | 11.7 | 2.2 | 197.3 | 74.2 | 80.9 | 33.9 | 7.0 | 1.3 |
| Per cent change | +1.3 | +1.0 | -1.7 | +6.7 | +13.4 | +20.5 | +1.3 | +1.0 | -1.7 | +6.7 | +13.4 | +20.5 |
| 1975 May | 319.4 | 120.9 | 133.9 | 53.5 | 9.4 | 1.7 | 190.9 | 72.3 | 80.0 | 32.0 | 5.6 | 1.0 |
| June* | 319.5 | 117.8 | 138.7 | 51.7 | 9.8 | 1.5 | 190.9 | 70.4 | 82.8 | 30.9 | 5.9 | 0.9 |
| July | 317.9 | 117.3 | 137.4 | 51.6 | 9.9 | 1.7 | 190.0 | 70.1 | 82.1 | 30.9 | 5.9 | 1.0 |
| Average | 319.0 | 118.6 | 136.8 | 52.2 | 9.7 | 1.7 | 190.6 | 70.9 | 81.7 | 31.2 | 5.8 | 1.0 |
| 1976 May | 323.5 | 121.4 | 133.2 | 54.4 | 12.1 | 2.4 | 193.3 | 72.6 | 79.6 | 32.5 | 7.2 | 1.4 |
| June* | 331.4 | 124.4 | 141.1 | 51.1 | 12.4 | 2.4 | 198.1 | 74.4 | 84.3 | 30.6 | 7.4 | 1.4 |
| July p | 332.9 | 128.2 | 139.6 | 50.2 | 13.4 | 1.5 | 198.9 | 76.6 | 83.4 | 30.0 | 8.0 | 0.9 |
| Average | 329.4 | 124.6 | 138.2 | 51.9 | 12.6 | 2.1 | 196.9 | 74.5 | 82.6 | 31.0 | 7.5 | 1.3 |
| Per cent change | +3.3 | +5.1 | +1.0 | -0.7 | +29.6 | +29.8 | +3.3 | +5.1 | +1.0 | -0.7 | +29.6 | +29.8 |
| | | | | | | | | | | | | |

^{1.} Consumption by fuel producers plus colliery disposals to final users, plus (for annual figures only) net foreign trade and stock change in other solid fuels. 2. Refinery throughput of crude oil plus net foreign trade and stock change in petroleum products less deliveries of non energy products. 3. Only coal and petroleum are temperature corrected.

Energy: Total inland consumption (primary fuel input basis) 1



| | | 1974 | | | | | | | | 1070 | | | |
|---|----------------|----------------|----------------|---------------|--------------|---------------|-------------|--------------|-------------|------------|---------------|--------------|--------------------------|
| | | | Per cent | 1974 1st | 2nd | 3rd | 4th | 1975 1st | 2nd | 3rd | 4th | 1976p 1st | Per ¹ cent |
| | 1974 | 1975 | change | quarter | quarter | quarter | quarter | quarter | quarter | quarter | quarter | quarter | chang |
| PRIMARY FUELS AND EQU | IVALENT | S: | | | | | | | | | | | |
| Production of primary fuels | 07.045 | 21 420 | 1154 | 4.000 | 7 707 | 7.004 | 0.055 | 0.400 | 7.004 | 0.000 | 0.440 | 7.041 | |
| Coal Petroleum ² | 27,245 174 | 31,430 665 | +15.4 | 4,069 53 | 7,797 | 7,024 | 8,355 51 | 8,482 56 | 7,904 57 | 6,602 | 8,442 415 | 7,941 564 | -6.4 (+) |
| Natural gas | 13,040 | 13,578 | +4.1 | 3,950 | 2,844 | 2,279 | 3,967 | 4,193 | 2,980 | 2,191 | 4,214 | 4,774 | (+) +13. |
| Primary electricity | 3,279 | 2,982 | -9.1 | 1,014 | 741 | 657 | 867 | 944 | 617 | 580 | 841 | 932 | -1. |
| Total | 43,738 | 48,655 | | 9,086 | 11,421 | 9,991 | 13,240 | | 11,558 | 9,510 | 13,912 | 14,211 | +3. |
| 2 | 54,067 | 44,216 | -18.2 | 13,975 | 14,398 | 12,300 | 13,394 | | 11,200 | 10,521 | | 10,967 | -3. |
| Arrivals. Petroleum Other | 1,171 | 1,616 | +38.0 | 273 | 286 | 289 | 323 | | 417 | 380 | 11,117 430 | 325 | -3. -16. |
| Shipments | 7,628 | 7,243 | -5.0 | 1,340 | 2,007 | 2,230 | 2,051 | 1,730 | 1,638 | 1,993 | 1,882 | 1,724 | -0. |
| Bunkers 4 | 1,954 | 1,418 | -27.4 | 477 | 528 | 499 | 450 | | 345 | 354 | 344 | 354 | -5. |
| Stock change | -119 | -1,123 | 21 5 | +2,229 | -2,440 | -617 1 206 | +709 | | -1,313 | -1,174 | +82 | +1,270 | |
| Non energy use Statistical difference ⁵ | 5,233 -203 | 4,106 -176 | -21.5 | 1,366 -219 | 1,415 +66 | 1,306 -41 | 1,146 -9 | | 956 +17 | 960 -13 | 1,135 -12 | 1,132 +91 | +7. |
| Total primary ⁶ | 83,839 | 80,421 | -4.1 | 22,161 | 19,781 | 17,887 | 24,010 | | | 15,917 | 22,168 | 23,654 | +1. |
| energy input | 03,039 | 00,421 | -4. | 22,101 | 19,761 | 17,007 | 24,010 | 23,390 | 18,940 | 15,917 | 22,100 | 23,054 | Τ1. |
| Conversion losses etc. 7 | 25,550 | 24,547 | -3.9 | 6,599 | 5,913 | 5,446 | 7,592 | 6,995 | 5,693 | 4,954 | 6,905 | 6,864 | -1. |
| FINAL CONSUMPTION BY U | JSER: | | | | | | | | | | | | |
| ron and steel industry | | | | | | | | + | | | | | |
| Coal | 99 | 72 | -27.3 | 23 | 34 | 16 | 26 | 25 | 18 | 10 | 19 | 5 | -80. |
| Other solid fuel ⁸ | 2,681 | 2,374 | 11.5 | 574 | 716 | 718 | 673 | 746 | 575 | 482 | 571 | 614 | -17 |
| Other coal-derived fuels | 374 | 372 | -0.5 | 76 | 102 | 92 | 104 | 107 | 97 | 76 | 92 | 99 | -7 |
| Gas ¹⁰ | 395 | 371 | -6.1 | 110 | 102 | 86 | 97 | 101 | 91 | 79 | 100 | 108 | +6 |
| Electricity Petroleum | 1,648 | 1,357 | -0.3 -17.7 | 81 484 | 87 366 | 84 347 | 93 451 | 94 449 | 334 | 75 244 | 91 330 | 100 354 | +6. -21. |
| Total | 5,542 | 4,890 | -11.8 | 1,348 | 1,407 | 1,343 | 1,444 | 1,522 | 1,199 | 966 | 1,203 | 1,280 | -15. |
| Other industries | 0,042 | 4,050 | 11.0 | 1,546 | 1,407 | 1,545 | 1,444 | 1,522 | 1,199 | 900 | 1,203 | 1,200 | -15. |
| | 0.705 | | | | | | | | | | | | |
| Coal | 2,795 | 2,458 | -12.1 | 514 | 802 | 733 | 746 | 660 | 613 | 528 | 657 | 564 | -14. |
| Other solid fuel ⁸ Other coal-derived fuels ⁹ | 193 63 | 164 78 | -15.0 +23.8 | 47 10 | 18 | 53 18 | 51 17 | 47 | 47 | 40 | 30 | 41 | -12. |
| Gas 10 | 4,692 | 4,701 | +0.2 | 1,230 | 1,148 | 1,041 | 1,273 | 17 1,295 | 1,091 | 1,007 | 1,308 | 17 1,457 | +12. |
| Electricity | 2,247 | 2,234 | -0.6 | 503 | 573 | 553 | 618 | 589 | 542 | 510 | 593 | 619 | +5. |
| Petroleum | 8,264 | 7,426 | -10.1 | 2,451 | 1,879 | 1,567 | 2,367 | 2,140 | 1,770 | 1,299 | 2,217 | 2,269 | +6. |
| Total | 18,254 | 17,061 | -6.5 | 4,755 | 4,462 | 3,965 | 5,072 | 4,748 | 4,086 | 3,406 | 4,821 | 4,967 | +4. |
| Transport sector | | | | | | | | | | | | | |
| Coal | 24 | 19 | -20.8 | 7 | 5 | 4 | 8 | 6 | 3 | 3 | 7 | 7 | +16. |
| Electricity | 92 | 99 | +7.6 | 21 | 23 | 23 | 25 | 26 | 25 | 23 | 25 | 27 | +3. |
| Petroleum | 12,295 | 12,143 | -1.2 | 2,744 | 3,126 | 3,289 | 3,136 | 2,771 | 3,104 | 3,225 | 3,043 | 2,894 | +4. |
| Total | 12,411 | 12,261 | -1.2 | 2,772 | 3,154 | 3,316 | 3,169 | 2,803 | 3,132 | 3,251 | 3,075 | 2,928 | +4. |
| Domestic sector | | | | | | | | | | | | | |
| Coal | 3,957 | 3,381 | -14.6 | 775 | 1,070 | 952 | 1,160 | 1,013 | 903 | 699 | 766 | 932 | -8 |
| Other solid fuel 8 | 1,102 | 962 | -12.7 | 233 | 290 | 282 | 297 | 270 | 231 | 260 | 201 | 284 | +5. |
| Gas ¹⁰ Electricity | 5,384 | 5,891 | +9.4 | 1,979 | 1,011 | 696 | 1,698 | 2,329 | 1,119 | 615 | 1,828 | 2,403 | +3. |
| Petroleum | 3,161 1,482 | 3,035 1,434 | -4.0 -3.2 | 1,036 514 | 674 279 | 536 188 | 915 501 | 1,037 473 | 678 306 | 484 194 | 836 461 | 987 518 | -4. +9. |
| Total | 15,086 | 14,703 | -2.5 | | | 2,654 | | | | | | | |
| Other final users 11 | 10,000 | 14,703 | 2.0 | 4,537 | 3,324 | 2,054 | 4,571 | 5,122 | 3,237 | 2,252 | 4,092 | 5,124 | _ |
| Coal | 669 | 490 | -26.8 | 189 | 142 | 125 | 213 | 129 | 123 | 78 | 160 | 172 | +33. |
| Other solid fuel 8 | 276 | 219 | -20.7 | 74 | 72 | 65 | 65 | 64 | 49 | 63 | 43 | 55 | -14 |
| Gas ¹⁰ | 1,269 | 1,347 | +6.1 | 433 | 276 | 173 | 387 | 472 | 310 | 171 | 394 | 570 | +20 |
| Electricity | 1,447 | 1,548 | +7.0 | 362 | 323 | 307 | 455 | 460 | 347 | 302 | 439 | 479 | +4. |
| Petroleum | 3,335 | 3,355 | +0.6 | 1,092 | 708 | 493 | 1,042 | 1,081 | 764 | 474 | 1,036 | 1,215 | +12 |
| Total | 6,996 | 6,959 | -0.5 | 2,150 | 1,521 | 1,163 | 2,162 | 2,206 | 1,593 | 1,088 | 2,072 | 2,491 | +12. |
| Total final users | 58,289 | 55,874 | -4.1 | 15,562 | 13,868 | 12,441 | 16,418 | 16,401 | 13,247 | 10,963 | 15,263 | 16,790 | +2. |
| FINAL CONSUMPTION BY F | UEL: | | | | | | | | | | | | |
| Coal | 7,544 | 6,420 | -14.9 | 1,508 | 2,053 | 1,830 | 2,153 | 1,833 | 1,660 | 1,318 | 1,609 | 1,680 | -8 |
| Other solid fuel ⁸ | 4,252 | 3,719 | -12.5 | 928 | 1,120 | 1,118 | 1,086 | 1,127 | 902 | 845 | 845 | 994 | -11 |
| Other coal-derived fuels | 437 | 450 | +3.0 | 86 | 120 | 110 | 121 | 124 | 120 | 98 | 108 | 116 | -6 |
| Gas ¹⁰ | 11,740 | 12,310 | +4.9 | 3,752 | 2,537 | 1,996 | 3,455 | 4,197 | 2,611 | 1,872 | 3,630 | 4,538 | +8 |
| Electricity | 7,292 | 7,260 | -0.4 | 2,003 | 1,680 | 1,503 | 2,106 | 2,206 | 1,676 | 1,394 | 1,984 | 2,212 | +0 |
| Petroleum | 27,024 | 25,715 | -4.8 | 7,285 | 6,358 | 5,884 | 7,497 | 6,914 | 6,278 | 5,436 | 7,087 | 7,250 | +4 |
| Total all fuels | 58,289 | 55,874 | -4.1 | 15,562 | 13,868 | 12,441 | 16,418 | 16,401 | 13,247 | 10,963 | 15,263 | 16,790 | +2 |

Per cent change on the corresponding period of the previous year.
 Crude petroleum and natural gas liquids.
 Crude petroleum, process oils and petroleum products.
 Stock fall (+) stock rise (-).
 Supply greater than recorded demand (-).
 Thermal equivalent of total inland energy consumption in Table 1. A more detailed analysis of the annual figures is shown in the Digest of United Kingdom Energy Statistics 1976 Tables 8 and 10.
 Losses in conversion and distribution and used by fuel industries.
 Coke and other manufactured solid fuels.
 Coke oven gas, creosote/pitch mixtures and other liquid fuels derived from coal.
 Natural gas supplied direct, and town gas.
 Mainly public administration, commerce and agriculture.

TABLE 3. Supply

Thousand tons

| | | Production | | | | | | Tonnage lost | (deep-mined) ³ |
|-----------------------|-------------------------|--------------------|----------------|----------------|----------------|----------------------|----------------------|-----------------------------------|---------------------------|
| | Net inland supply | Total ¹ | Deep-mined | Opencast | Net Imports | Imports ² | Exports ² | Recognised holidays and rest days | Disputes |
| 1973 | 128,904 | 129,906 | 118,140 | 9,964 | -1,002 | 1,649 | 2,651 | 10,313 | 5,569 |
| 1974 | 110,362 | 108,707 | 98,413 | 9,085 | +1,655 | 3,491 | 1,836 | 10,352 | 15,996 |
| 1975 | 129,505 | 126,650 | 115,557 | 10,249 | +2,855 | 5,003 | 2,148 | 12,105 | 347 |
| Per cent change | +17.3 | +16.5 | +17.4 | +12.8 | +72.5 | +43.3 | +17.0 | +16.9 | (-) |
| 1975 Jan-Aug | 82,698 | 81,023 | 74,176 | 6,509 | +1,675 | 3,289 | 1,614 | 9,491 | 237 |
| 1976 Jan-Aug p | 79,359 | 78,040 | 69,372 | 7,585 | +1,319 | 2,173 | 854 | 10,204 | 550 |
| Per cent change | -4.0 | -3.7 | -6.5 | +16.5 | -21.3 | -33.9 | -47.1 | <i>+7.5</i> | (+) |
| 1975 June* | 11,076 | 10,842 | 9,793 | 999 | +234 | 372 | 138 | 2,138 | 35 |
| July | 8,965 | 8,710 | 7,927 | 744 | +255 | 415 | 160 | 1,611 | 34 |
| Aug | 6,670 | 6,393 | 5,687 | 667 | +277 | 323 | 46 | 3,578 | 14 |
| Total | 26,711 | 25,945 | 23,407 | 2,410 | +766 | 1,110 | 344 | 7,327 | 83 |
| 1976 June* July Aug p | 10,743 | 10,616 | 9,257 | 1,162 | +127 | 224 | 97 | 2,116 | 31 |
| | 8,515 | 8,413 | 7,394 | 901 | +102 | 276 | 174 | 1,585 | 35 |
| | 6,619 | 6,452 | 5,385 | 919 | +167 | 236 | 69 | 3,438 | 135 |
| Per cent change | 25,877 -3.1 | 25,481 -1.8 | 22,036 -5.9 | 2,982 +23.7 | +396 -48.3 | 736 - <i>33.7</i> | 340 -1.2 | 7,139 -2.6 | (+) |

^{1.} Includes an estimate for slurry, etc., recovered and disposed of otherwise than by the National Coal Board.

TABLE 4. Inland consumption of coal

Thousand tons

| | | Fuel produce | ers | | | Final users ¹ | | | | |
|-----------------|--------------------|--------------|-----------------------------|---------------|-------|-------------------------------|-----------------------|-------------------------|--------------------|--------------------|
| | | Primary | Secondary | | | | Colliery disp | osals | | |
| | Total | | Dower | Coke | Gas | Other ³ conversion | | Domestic ⁵ | | |
| | inland consumption | Collieries | Power stations ² | Coke ovens | works | industries | Industry ⁴ | House Coal ⁶ | Other ⁷ | Other ⁸ |
| 1973 | 131,288 | 1,359 | 75,628 | 21,543 | 504 | 3,550 | 11,890 | 12,519 | 1,755 | 2,540 |
| 1974 | 116,043 | 1,236 | 65,967 | 18,169 | 105 | 3,728 | 10,902 | 11,848 | 1,623 | 2,465 |
| 1975 | 120,303 | 1,218 | 73,391 | 18,783 | 9 | 3,999 | 9,532 | 9,844 | 1,609 | 1,918 |
| Per cent change | +3.7 | -1.5 | +11.3 | +3.4 | -91.4 | +8.4 | -12.6 | -16.9 | -0.9 | -22.2 |
| 1975 Jan-Aug | 77,507 | 793 | 46,442 | 12,682 | 7 | 2,539 | 6,129 | 6,689 | 1,081 | 1,145 |
| 1976 Jan-Aug p | 77,284 | 720 | 48,321 | 12,417 | 5 | 2,318 | 5,331 | 6,105 | 815 | 1,252 |
| Per cent change | -0.3 | -9.2 | +4.0 | -2.1 | -28.6 | -8.7 | -13.0 | -8.7 | -24.6 | +9.3 |
| 1975 June* | 9,895 | 92 | 5,598 | 1,771 | _ | 382 | 894 | 908 | 114 | 136 |
| July | 7,456 | 77 | 4,253 | 1,351 | 1 | 289 | 644 | 638 | 116 | 87 |
| Aug | 6,716 | 55 | 3,927 | 1,322 | _ | 288 | 527 | 458 | 67 | 72 |
| Total | 24,067 | 224 | 13,778 | 4,444 | 1 | 959 | 2,065 | 2,004 | 297 | 295 |
| 1976 June* | 10,137 | 91 | 6,058 | 1,865 | _ | 346 | 778 | 768 | 102 | 129 |
| July | 7,730 | 68 | 4,585 | 1,470 | 1 | 241 | 619 | 567 | 111 | 68 |
| Aug p | 6,841 | 47 | 4,145 | 1,488 | _ | 223 | 386 | 417 | 62 | 73 |
| Total | 24,708 | 206 | 14,788 | 4,823 | 1 | 810 | 1,783 | 1,752 | 275 | 270 |
| Per cent change | +2.7 | -8.0 | +7.3 | +8.6 | - | -15.5 | -13.7 | -12.6 | -7.4 | -8.5 |

^{1.} Disposals by collieries and opencast sites. 2. Public supply and railway and transport power stations. 3. Low temperature carbonisation & patent fuel plants. 4. Prior to October 1973 the figures relate to actual consumption. 5. Prior to April 1973 the figures relate to merchants' disposals to the domestic market. 6. Including miners' coal. 7. Anthracite, dry steam coal and imported naturally smokeless fuels. 8. Mainly public administration & commerce.

TABLE 5. Stocks of coal¹ at end of period: Great Britain

Thousand tons

| | | Distributed | | | | | Undistributed | | |
|------------------|--------|--------------------------------|--------|-------|--------------|-------|----------------------------------|------------|---|
| | Total | Total distributed stocks | Power | Coke | Gas works | Other | Total undistributed stocks | Collieries | Opencast sites and central stocking grounds |
| 1970 | 18,729 | 11,627 | 9,575 | 1,434 | 276 | 342 | 7,102 | 5,266 | 1,836 |
| 1971 | 28,211 | 17,982 | 15,712 | 1,777 | 72 | 421 | 10,229 | 6,973 | 3,256 |
| 1972 | 29,979 | 19,045 | 16,791 | 1,890 | 50 | 314 | 10,934 | 7,558 | 3,376 |
| 1973 | 27,445 | 16,766 | 14,537 | 1,937 | 27 | 265 | 10,679 | 7,529 | 3,150 |
| 1974 | 21,462 | 15,577 | 13,414 | 1,822 | 3 | 338 | 5,885 | 3,946 | 1,939 |
| 1975 | 30,666 | 20,216 | 17,668 | 2,296 | 2 | 250 | 10,450 | 8,767 | 1,683 |
| 1975 June | 25,300 | 18,885 | 16,371 | 2,242 | 2 | 270 | 6,415 | 4,906 | 1,509 |
| July | 26,768 | 20,169 | 17,662 | 2,209 | 2 | 296 | 6,599 | 5,135 | 1,464 |
| Aug | 26,923 | 20,041 | 17,931 | 1,870 | 1 | 239 | 6,882 | 5,354 | 1,528 |
| 1976 June | 32,566 | 21,192 | 18,410 | 2,541 | 1 | 240 | 11,374 | 9,824 | 1,550 |
| July | 33,382 | 22,358 | 19,450 | 2,667 | _ | 240 | 11,024 | 9,475 | 1,549 |
| Aug p | 33,205 | 22,482 | 19,955 | 2,286 | 1 | 240 | 10,723 | 9,105 | 1,618 |
| Absolute change: | | | | | | | | | |
| In latest month | -177 | +124 | +505 | -381 | _ | - | -301 | -370 | +69 |
| On a year ago | +6,282 | +2,441 | +2,024 | +416 | - | +1 | +3,841 | +3,751 | +90 |

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

^{2.} As recorded in the "Overseas Trade Statistics of the United Kingdom". 3. NCB mines only.

TABLE 6. Colliery manpower and productivity at NCB mines

| | | Wage earners colliery book | | Recruitment | Wastage | Absence perce | entage ² | | Average outpomanshift ³ | ut per |
|------|-------|-------------------------------|-------------|-------------|---------|---------------|---------------------|-------------|------------------------------------|-------------|
| | | Total | Underground | | | Total | Voluntary | Involuntary | Overall | At the face |
| | | Thousands | | Number | | Per cent | | | Cwt. | |
| 1970 | | 283 | 221 | 25,109 | 41,581 | 19.8 | 4.5 | 15.3 | 44.10 | 141.80 |
| 1971 | | 279 | 218 | 28,010 | 32,309 | 18.1 | 4.4 | 13.7 | 43.94 | 143.08 |
| 1972 | | 266 | 210 | 13,255 | 26,114 | 16.6 | 3.9 | 12.7 | 43.60 | 144.35 |
| 1973 | | 245 | 193 | 17,402 | 37,961 | 18.0 | 4.1 | 13.9 | 45.00 | 150.00 |
| 1974 | | 246 | 194 | 26,436 | 25,133 | 16.3 | 4.1 | 12.2 | 42.83 | |
| 1975 | | 245 | 194 | 21,347 | 22,451 | 16.2 | 4.0 | 12.2 | 44.92 | 155.85 |
| 1975 | June* | 249 | 197 | 1,352 | 2,274 | 14.9 | 3.3 | 11.6 | 43.48 | 154.99 |
| | July | 248 | 196 | 593 | 1,957 | 15.3 | 3.6 | 11.7 | 42.06 | 149.32 |
| | Aug | 248 | 196 | 2,042 | 1,609 | 14.5 | 3.3 | 11.2 | 39.37 | 147.56 |
| 1976 | | 243 | 193 | 1,573 | 2,012 | 15.4 | 3.1 | 12.3 | 42.56 | 151.29 |
| | July | 242 | 192 | 999 | 1,777 | 16.3 | 3.4 | 12.9 | 40.62 | 144.14 |
| | Aug p | 242 | 192 | 1,807 | 1,347 | 14.9 | 2.9 | 12.0 | 39.12 | 148.98 |

^{1.} At end of period. 2. The definition was changed from 1973. 3. Excluding capital working and tip coal.

Gas

TABLE 7. Sources of supply and send-out by the public gas supply system

| | Natural gas sup | ply | | Other primary fuel used | | Gas sent out | | |
|---|------------------------------------|------------------------------------|----------------------------|-------------------------|--------------------------------|------------------------------------|--------------------------------|------------------------------------|
| | Total | Source ¹ | | | | | | Natural gas for |
| | into system | Indigenous | Imported | Coal | Oil ² | Total | Town gas | direct |
| | Million therms | | | Thousand tons | | Million therms | | |
| 1973 1974 1975 Per cent change | 10,916 13,102 13,692 +4.5 | 10,639 12,861 13,367 +3.9 | 277 241 325 +35.0 | 503 105 9 (-) | 2,286 1,256 579 -53.9 | 11,620 13,451 13,822 +2.8 | 2,434 1,598 752 -53.0 | 9,186 11,853 13,070 +10.3 |
| 1975 Jan-Aug 1976 Jan-Aug p Per cent change | 8,561 9,092 +6.2 | 8,373 8,804 +5.1 | 188 288 +53.2 | 7 5 -27.6 | 482 163 -66.2 | 8,654 9,104 +5.2 | 582 180 -69.1 | 8,072 8,924 +10.6 |
| 1975 June * July Aug | 927 641 590 | 898 626 572 | 29 15 18 | | 24 13 18 | 922 636 583 | 44 24 20 | 878 612 563 |
| Total | 2,158 | 2,096 | 62 | | 55 | 2,141 | 88 | 2,053 |
| 1976 June * July Aug p | 897 596 597 | 868 571 560 | 29 25 37 | 1 - | 9 9 10 | 896 612 597 | 11 6 6 | 885 606 591 |
| Total | 2,090 | 1,999 | 91 | 1 | 28 | 2,105 | 23 | 2,082 |
| Per cent change | -3.2 | -4.6 | +46.8 | +9.1 | -49.1 | -1.7 | -73.9 | +1.4 |

^{1.} Figures differ from production and imports respectively because of stock changes and small quantities not entering the public supply system.

TABLE 8. Sales of gas by the public supply system

Million therms

| TABLE 0. Daies of gas | | | Iron and steel | | | |
|-----------------------|--------|-----------------------------|----------------|------------------|----------|--------------------|
| | Total | Power stations ¹ | industry | Other industries | Domestic | Other ² |
| 1970 | 5,780 | 60 | 244 | 1,172 | 3,542 | 762 |
| 1971 | 7,520 | 263 | 343 | 2,118 | 3,930 | 866 |
| 1972 | 9,787 | 630 | 437 | 3,215 | 4,509 | 996 |
| 1973 | 10,729 | 285 | 396 | 4,150 | 4,815 | 1,083 |
| 1974 | 12,668 | 985 | 395 | 4,635 | 5,384 | 1,269 |
| 1975 | 13,112 | 858 | 371 | 4,645 | 5,891 | 1,347 |
| Per cent change | +3.5 | -12.9 | -6.1 | +0.2 | +9.4 | +6.1 |
| 1974 1st quarter | 4,092 | 355 | 110 | 1,215 | 1,979 | 433 |
| 2nd quarter | 2,742 | 221 | 102 | 1,132 | 1,011 | 276 |
| 3rd quarter | 2,181 | 198 | 86 | 1,028 | 696 | 173 |
| 4th quarter | 3,653 | 211 | 97 | 1,260 | 1,698 | 387 |
| 1975 1st quarter | 4,390 | 207 | 101 | 1,281 | 2,329 | 472 |
| 2nd quarter | 2,798 | 200 | 91 | 1,078 | 1,119 | 310 |
| 3rd quarter | 2,067 | 208 | 79 | 994 | 615 | 171 |
| 4th quarter | 3,857 | 243 | 100 | 1,292 | 1,828 | 394 |
| 1976 1st quarter p | 4,765 | 240 | 108 | 1,444 | 2,403 | 570 |
| Per cent change | +8.5 | +15.9 | +6.9 | +12.7 | +3.2 | +20.8 |

^{1.} Public supply power stations only. 2. Public administration & commerce.

^{2.} Mainly naphtha (LDF), liquid petroleum gases and refinery gases.

Electricity

TABLE 9. Fuel used and electricity generated by the public supply system

| | 1 | | ,, 90 | , | 0.10 0.0.0 | | | | | | | |
|-------------------|--------------------|-------------------|--------------------|----------------|--|----------------------|--------------------|-------------|--------|-------|----------------------|--------------------|
| | Primary f | fuel used | | | | | Electricity | y generated | | | | Total ⁶ |
| | Total ¹ | Coal ² | Oil ^{2 3} | Natural gas | Nuclear | Hydro electricity | Total ⁴ | By steam | 1 | | Electricity supplied | electricity |
| | 10.0. | Coai | 0 | yas | Giocuitory | electricity | Total | Nuclear | Other | use | supplied | available |
| | Million to | ons of coal o | or coal equi | valent | | | TWh | | | | | |
| United Kingdom | | | | | | | | | | | | |
| 1973 | 114.68 | 75.57 | 28.04 | 1.13 | 8.22 | 1.66 | 258.80 | 23.66 | 229.91 | 18.43 | 240.37 | 244.76 |
| 1974 | 110.49 | 65.97 | 28.51 | 3.86 | 10.28 | 1.81 | 250.47 | 29.40 | 215.73 | 18.07 | 232.40 | 236.68 |
| 1975 | 108.97 | 73.39 | 21.14 | 3.37 | 9.29 | 1.64 | 251.28 | 26.51 | 219.74 | 18.10 | 233.18 | 237.01 |
| Per cent change | -1.4 | +11.3 | -25.9 | -12.7 | -9.6 | -9.4 | +0.3 | -9.8 | +1.9 | +0.2 | +0.3 | +0.1 |
| 1975 Jan-July | 64.05 | 42.51 | 13.27 | 1.86 | 5.36 | 0.98 | 148.04 | 15.34 | 129.77 | 10.53 | 137.51 | 139.76 |
| 1976 Jan-July p | 63.08 | 44.18 | 9.97 | 1.69 | 6.11 | 1.11 | 147.69 | 17.65 | 126.83 | 10.93 | 136.76 | 138.88 |
| Per cent change | -1.5 | +3.9 | -24.8 | -9.5 | +14.0 | +14.4 | -0.2 | +15.1 | -2.3 | +3.8 | -0.5 | -0.6 |
| 1975 May | 7.67 | 5.29 | 1.48 | 0.25 | 0.57 | 0.07 | 17.77 | 1.65 | 15.85 | 1.26 | 16.51 | 16.76 |
| June* | 8.21 | 5.60 | 1.57 | 0.32 | 0.66 | 0.05 | 19.04 | 1.92 | 16.86 | 1.43 | 17.61 | 17.89 |
| July | 6.24 | 4.25 | 1.15 | 0.26 | 0.51 | 0.05 | 14.26 | 1.46 | 12.61 | 1.13 | 13.13 | 13.39 |
| Total | 22.12 | 15.14 | 4.20 | 0.83 | 1.74 | 0.17 | 51.07 | 5.03 | 45.32 | 3.82 | 47.25 | 48.04 |
| 1976 May | 7.59 | 5.34 | 1.22 | 0.17 | 0.76 | 0.10 | 17.86 | 2.25 | 15.30 | 1.34 | 16.52 | 16.81 |
| June* | 8.30 | 6.05 | 1.08 | 0.18 | 0.87 | 0.12 | 19.42 | 2.55 | 16.52 | 1.50 | 17.92 | 18.17 |
| July p | 6.36 | 4.58 | 0.86 | 0.12 | 0.74 | 0.06 | 14.79 | 2.12 | 12.42 | 1.22 | 13.57 | 13.76 |
| Total | 22.25 | 15.97 | 3.16 | 0.47 | 2.37 | 0.28 | 52.07 | 6.92 | 44.24 | 4.06 | 48.01 | 48.74 |
| Per cent change | +0.6 | +5.5 | -24.8 | -43.4 | +36.2 | +64.7 | +2.0 | +37.6 | -2.4 | +6.3 | +1.6 | +1.5 |
| England and Wales | | | | | | | | | | | | |
| 1973 | 99.43 | 67.14 | 23.56 | 1.13 | 7.45 | 0.09 | 225.24 | 21.42 | 202.18 | 16.24 | 209.00 | 212.72 |
| 1974 | 96.09 | 58.63 | 24.00 | 3.86 | 9.43 | 0.12 | 218.85 | 26.93 | 190.43 | 15.90 | 202.95 | 205.55 |
| 1975 | 94.62 | 64.67 | 17.95 | 3.37 | 8.40 | 0.09 | 219.24 | 23.94 | 194.35 | 15.31 | 203.93 | 205.30 |
| Per cent change | -1.5 | +10.3 | -25.2 | -12.7 | -10.9 | -25.0 | +0.2 | -11.1 | +2.1 | -3.6 | +0.5 | <i>−0.1</i> |
| 1975 Jan-July | 55.64 | 37.43 | 11.39 | 1.86 | 4.83 | 0.06 | 129.29 | 13.81 | 114.87 | 8.98 | 120.31 | 121.10 |
| 1976 Jan-July p | 54.65 | 39.09 | 8.33 | 1.69 | 5.48 | 0.05 | 128.59 | 15.72 | 112.46 | 9.14 | 119.45 | 120.30 |
| Per cent change | -1.8 | +4.4 | -26.9 | -9.1 | +13.5 | -16.1 | -0.6 | +13.8 | -2.1 | +1.8 | -0.7 | -0.7 |
| 1975 May | 6.67 | 4.64 | 1.27 | 0.25 | 0.50 | _ | 15.52 | 1.44 | 14.00 | 1.08 | 14.44 | 14.56 |
| June* | 7.11 | 4.88 | 1.33 | 0.32 | 0.57 | - | 16.59 | 1.66 | 14.85 | 1.20 | 15.39 | 15.48 |
| July | 5.51 | 3.79 | 0.99 | 0.26 | 0.45 | - | 12.60 | 1.28 | 11.29 | 0.91 | 11.69 | 11.79 |
| Total | 19.29 | 13.31 | 3.59 | 0.83 | 1.52 | _ | 44.71 | 4.38 | 40.14 | 3.19 | 41.52 | 41.83 |
| 1976 May | 6.58 | 4.69 | 1.03 | 0.17 | 0.69 | _ | 15.58 | 2.02 | 13.53 | 1.14 | 14.44 | 14.56 |
| June* | 7.20 | 5.42 | 0.87 | 0.18 | 0.73 | - | 16.91 | 2.13 | 14.74 | 1.25 | 15.66 | 15.73 |
| July p | 5.63 | 4.16 | 0.71 | 0.12 | 0.64 | _ | 13.09 | 1.85 | 11.21 | 1.00 | 12.09 | 12.16 |
| Total | 19.41 | 14.27 | 2.61 | 0.47 | 2.06 | _ | 45.58 | 6.00 | 39.48 | 3.39 | 42.19 | 42.45 |
| Per cent change | +0.6 | +7.2 | -27.3 | -43.4 | +35.5 | -33.3 | +1.9 | +37.0 | -1.6 | +6.3 | +1.6 | +1.5 |
| | | | | | Dec. 10 to 1 | | | | | | | |

^{1.} Including coke. 2. Including quantities used in the production of steam for sale. 3. Including oil used in gas turbine and diesel plant and for lighting up coal fired boilers. 4. Including generation by gas turbine, diesel and hydro-electric plant. 5. Used on works and for pumping at pumped storage stations. 6. Includes net imports and purchases from outside sources mainly UKAEA and British Nuclear Fuels Ltd. The England and Wales figures include net exchanges with Scotland.

TABLE 10. Sales of electricity by the public supply system

GWh

| | Total | Iron and steel industry | Other industries | Domestic | Other ¹ |
|-------------------|---------|-------------------------|------------------|----------|--------------------|
| 1970 | 197,751 | 12,004 | 67,573 | 77,038 | 41,136 |
| 1971 | 203,433 | 10,837 | 69,337 | 80,674 | 42,585 |
| 972 | 210,417 | 10,774 | 68,967 | 86,889 | 43,787 |
| 973 | 225,267 | 11,646 | 75,327 | 91,299 | 46,995 |
| 974 | 218,552 | 11,292 | 70,967 | 92,626 | 43,667 |
| 975 | 217,765 | 11,164 | 70,916 | 88,938 | 46,747 |
| Per cent change | -0.4 | -1.1 | -0.1 | -4.0 | +7.1 |
| 974 1st quarter | 59,654 | 2,668 | 15,755 | 30,356 | 10,875 |
| 2nd quarter | 50,594 | 2,871 | 18,169 | 19,759 | 9,795 |
| 3rd quarter | 45,295 | 2,727 | 17,522 | 15,707 | 9,339 |
| 4th quarter | 63,009 | 3,026 | 19,521 | 26,804 | 13,658 |
| 975 1st quarter | 65,993 | 3,103 | 18,643 | 30,389 | 13,858 |
| 2nd quarter | 50,309 | 2,732 | 17,225 | 19,855 | 10,497 |
| 3rd quarter | 42,009 | 2,407 | 16,215 | 14,194 | 9,193 |
| 4th quarter | 59,454 | 2,922 | 18,833 | 24,500 | 13,199 |
| 976 1st quarter p | 66,099 | 3,199 | 19,578 | 28,906 | 14,416 |
| Per cent change | +0.2 | +3.1 | +5.0 | -4.9 | +4.0 |

^{1.} Mainly commerce, public administration & agriculture

| | Crude Petro | leum | | | | | | Petroleum | products | | |
|-----------------|--------------------------|------------|-------------------------|--------------|--------------------|-------------------------|---------------|-----------------------|------------------------|----------|----------------------|
| | Gross ² | Refinery R | eceipts | | | | | | | Net | |
| | Indigenous Production | Total | Indigenous ² | Net arrivals | Other ³ | Arrivals ^{4,5} | Shipments 4,5 | Arrivals ⁴ | Shipments ⁴ | Arrivals | Bunkers ⁶ |
| 1973 | 373 | 114,032 | 235 | +112,237 | 1,560 | 115,472 | 3,235 | 17,808 | 16,681 | +1,127 | 5,499 |
| 1974 | 410 | 113,478 | 250 | +111,418 | 1,810 | 112,822 | 1,404 | 14,256 | 14,396 | -140 | 4,759 |
| 1975 | 1,564 | 92,273 | 1,156 | + 89,842 | 1,275 | 91,366 | 1,524 | 12,461 | 13,664 | -1,203 | 3,444 |
| Per cent change | (+) | -18.7 | (+) | -19.3 | -29.5 | -19.0 | +8.6 | -12.6 | -5.1 | (+) | -27.6 |
| 1975 Jan-July | 362 | 54,579 | 254 | +53,633 | 692 | 54,364 | 731 | 7,140 | 7,413 | -273 | 2,010 |
| 1976 Jan-July p | 4,429 | 55,960 | 4,259 | +51,019 | 682 | 52,524 | 1,506 | 6,951 | 8,494 | -1,543 | 2,010 |
| Per cent change | (+) | +2.5 | (+) | -4.9 | -1.4 | -3.4 | (+) | -2.6 | +14.6 | (+) | _ |
| 1975 May | 35 | 7,780 | 24 | + 7,648 | 108 | 7,732 | 84 | 699 | 1,192 | -493 | 287 |
| June | 60 | 8,150 | 32 | + 8,003 | 115 | 8,174 | 171 | 887 | 1,074 | -187 | 250 |
| July | 95 | 7,692 | 95 | + 7,483 | 114 | 7,588 | 105 | 859 | 1,283 | -424 | 265 |
| Total | 190 | 23,622 | 151 | +23,134 | 337 | 23,494 | 360 | 2,445 | 3,549 | -1104 | 802 |
| 1976 May p | 766 | 8,494 | 769 | + 7,619 | 106 | 7,890 | 271 | 991 | 1,266 | -282 | 300 |
| June p | 942 | 7,767 | 921 | + 6,808 | 38 | 6,999 | 191 | 820 | 1,225 | -420 | 232 |
| July p | 752 | 7,758 | 713 | + 7,009 | 36 | 7,349 | 340 | 845 | 1,446 | -601 | 302 |
| Total | 2,460 | 24,019 | 2,403 | +21,436 | 180 | 22,238 | 802 | 2,656 | 3,937 | -1303 | 834 |
| Per cent change | (+) | +1.7 | (+) | -7.3 | -46.6 | -5.3 | (+) | +8.6 | +10.9 | +18.0 | +4.0 |

^{1.} Calendar months. 2. Including natural gas liquids (condensates). 3. Mainly recycled products. 4. Foreign trade as recorded by the Petroleum Industry and may differ from figures published in Overseas Trade Statistics. 5. Including process (partly refined) oils. 6. International bunkers.

TABLE 12. Refinery throughput and output of petroleum products¹

Thousand tonnes

| 171022 12.11 | , | | , | | | di Ciccii. | | | | | | | Thousa | nd tonnes |
|-----------------|-----------------------------|---------|-------|--|--------------------------|-------------------------|------------------|--------|-----------------------|--------------------------|-----------------------|--------|--------------------------|-----------|
| | Through- put of crude | Refiner | | Total output | Gases | | | | Kerosene | | | | | |
| | and process oils | Fuel | | of petrol- eum pro- ducts ² | Butane and propane | Other petro- leum | Naphtha (LDF) | Motor | Aviation turbine fuel | Burning oil ³ | Gas/ diesel oil | Fuel | Lubri- cating oils | Bitumen |
| 1973 | 114,338 | 7,053 | 1,331 | 105,954 | 1,655 | 394 | 6,607 | 14,842 | 4,550 | 2,717 | 27,853 | 42,026 | 1,477 | 2,225 |
| 1974 | 111,217 | 6,946 | 1,211 | 103,060 | 1,602 | 272 | 6,448 | 14,520 | 4,475 | 2,564 | 27,641 | 40,022 | 1,455 | 2,129 |
| 1975 | 93,579 | 6,031 | 901 | 86,647 | 1,447 | 151 | 3,968 | 13,940 | 3,959 | 2,299 | 23,324 | 32,711 | 1,141 | 2,099 |
| Per cent change | -15.9 | -13.2 | -25.6 | -15.9 | -9.7 | -44.4 | -38.5 | -4.0 | -11.5 | -10.4 | -15.6 | -18.3 | -21.6 | -1.4 |
| 1975 Jan-July | 54,576 | 3,515 | 531 | 50,530 | 868 | 87 | 2,240 | 8,126 | 2,325 | 1,323 | 13,352 | 19,413 | 674 | 1,255 |
| 1976 Jan-July p | 56,020 | 3,679 | 658 | 51,683 | 908 | 94 | 2,529 | 8,624 | 2,357 | 1,407 | 14,264 | 18,335 | 723 | 1,173 |
| Per cent change | +2.6 | +4.7 | +24.0 | +2.3 | +4.6 | +8.0 | +12.9 | +6.1 | +1.3 | +6.4 | +6.8 | -5.6 | +7.3 | -6.5 |
| 1975 May | 8,100 | 516 | 70 | 7,514 | 138 | 9 | 308 | 1,304 | 353 | 162 | 2,085 | 2,729 | 90 | 204 |
| June | 7,482 | 521 | 15 | 6,946 | 124 | 9 | 216 | 1,268 | 320 | 134 | 1,989 | 2,477 | 69 | 203 |
| July | 7,273 | 476 | 81 | 6,716 | 106 | 10 | 255 | 1,169 | 384 | 106 | 1,773 | 2,511 | 88 | 216 |
| Total | 22,855 | 1,513 | 166 | 21,176 | 368 | 28 | 779 | 3,741 | 1,057 | 402 | 5,847 | 7,717 | 247 | 623 |
| 1976 May | 8,051 | 503 | 118 | 7,430 | 119 | 10 | 311 | 1,272 | 341 | 139 | 2,082 | 2,677 | 87 | 196 |
| June | 7,953 | 505 | 111 | 7,337 | 106 | 12 | 405 | 1,294 | 365 | 146 | 1,923 | 2,607 | 99 | 180 |
| July p | 7,447 | 507 | 104 | 6,836 | 109 | 15 | 219 | 1,312 | 377 | 96 | 1,877 | 2,381 | 108 | 180 |
| Total | 23,451 | 1,515 | 333 | 21,603 | 334 | 37 | 935 | 3,878 | 1,083 | 381 | 5,882 | 7,665 | 294 | 556 |
| Per cent change | +2.6 | +0.1 | (+) | +2.0 | -9.2 | +32.1 | +20.0 | +3.7 | +2.5 | -5.2 | +0.6 | -0.7 | +29.5 | -10.8 |

^{1.} Calendar months. 2. Including output of products not shown separately, namely, aviation spirit, wide-cut gasoline, industrial and white spirits, paraffin wax and miscellaneous products. 3. Including vaporising oil.

TABLE 13. Deliveries of petroleum products for inland consumption¹

Thousand tonnes

| | | | | | Kerosene | | | | | | | | |
|-----------------|----------------------|---------------------|---------|--------|------------------|---------|----------|--------------------|-----------|--------|--------|------------------|---------|
| | | | | | | Burning | oil | | Gas/diese | loil | | | |
| | | Butane ⁴ | Naphtha | Motor | Aviation turbine | | Standard | | Derv | | Fuel | Lubri- cating | |
| | Total ^{2,3} | propane | (LDF)5 | spirit | fuel | Premier | Domestic | Other ⁶ | fuel | Other | oil | oils | Bitumen |
| 1973 | 99,344 | 1,600 | 8,373 | 16,927 | 4,202 | 778 | 1,931 | 501 | 5,658 | 15,100 | 39,447 | 1,185 | 2,458 |
| 1974 | 92,342 | 1,414 | 7,700 | 16,484 | 3,690 | 603 | 1,770 | 436 | 5,518 | 13,581 | 36,810 | 1,045 | 2,241 |
| 1975 | 81,667 | 1,275 | 5,116 | 16,125 | 3,834 | 538 | 1,707 | 400 | 5,414 | 13,050 | 30,470 | 992 | 2,089 |
| Per cent change | -11.6 | -9.9 | -33.6 | -2.2 | +3.9 | -10.8 | -3.5 | -8.2 | -1.9 | -3.9 | -17.4 | -5.1 | -6.7 |
| 1975 Jan-July | 48,307 | 756 | 2,968 | 9.232 | 2,191 | 296 | 993 | 228 | 3,142 | 7,666 | 18,640 | 575 | 1,263 |
| 1976 Jan-July p | 47,100 | 773 | 3,066 | 9,641 | 2,302 | 325 | 995 | 228 | 3,235 | 7,689 | 16,638 | 579 | 1,153 |
| Per cent change | -2.5 | +2.3 | +3.3 | +4.4 | +5.1 | +9.7 | +0.2 | - | +3.0 | +0.3 | -10.7 | +0.7 | -8.7 |
| 1975 May | 6,294 | 101 | 367 | 1,418 | 334 | 16 | 103 | 28 | 453 | 912 | 2,244 | 83 | 188 |
| June | 5,818 | 92 | 352 | 1,353 | 347 | 10 | 85 | 24 | 447 | 759 | 2,007 | 80 | 217 |
| July | 5,613 | 84 | 346 | 1,490 | 394 | 4 | 64 | 22 | 454 | 656 | 1,768 | 86 | 201 |
| Total | 17,725 | 277 | 1,065 | 4,261 | 1,075 | 30 | 252 | 74 | 1,354 | 2,327 | 6,019 | 249 | 606 |
| 1976 May | 6,021 | 102 | 397 | 1,363 | 350 | 17 | 94 | 27 | 445 | 870 | 2,052 | 82 | 169 |
| June | 5,825 | 99 | 367 | 1,476 | 362 | 9 | 89 | 25 | 476 | 730 | 1,857 | 86 | 190 |
| July p | 5,679 | 92 | 391 | 1,533 | 399 | 9 | 76 | 24 | 462 | 649 | 1,699 | 94 | 175 |
| Total | 17,525 | 293 | 1,155 | 4,372 | 1,111 | 35 | 259 | 76 | 1,383 | 2,249 | 5,608 | 262 | 534 |
| Per cent change | -1.1 | +5.7 | +8.4 | +2.6 | +3.3 | +10.7 | +2.9 | +1.8 | +2.2 | -3.3 | -6.8 | +5.3 | -11.7 |

^{1.} Calendar months. 2. Including other petroleum gases, aviation spirit, wide-cut gasoline, industrial & white spirits, and paraffin wax.

^{3.} Excluding refinery fuel and miscellaneous products. 4. Including very small amounts for petro-chemicals. 5. Now mainly for petrochemical feedstock.

^{6.} Including vaporising oil.

| | Total | Power ³ Stations | Gas Works | Iron and steel industry | Other Industries | Transport ⁴ | Domestic | Other ⁵ |
|-----------------|--------|--------------------------------|-----------|-------------------------|---------------------|------------------------|----------|--------------------|
| 1973 | 88,196 | 16,993 | 2,355 | 4,995 | 22,045 | 28,971 | 3,812 | 9,025 |
| 1974 | 81,547 | 17,240 | 1,339 | 4,019 | 19,695 | 27,930 | 3,378 | 7,946 |
| 1975 | 73,385 | 13,345 | 693 | 3,309 | 17,251 | 27,582 | 3,270 | 7,935 |
| Per cent change | -10.0 | -22.6 | -48.2 | -17.7 | -12.4 | -1.2 | -3.2 | -0.1 |
| 1975 Jan-June | 38,600 | 7,515 | 453 | 1,910 | 9,225 | 13,347 | 1,779 | 4,371 |
| 1975 Jan-June p | 37,160 | 5,569 | 227 | 1,611 | 9,435 | 13,839 | 1,878 | 4,601 |
| Per cent change | -3.7 | -25.9 | -49.9 | -15.7 | +2.3 | +3.7 | +5.6 | +5.3 |
| 1975 Apr | 6,817 | 1,232 | 59 | 332 | 1,674 | 2,340 | 104 | 1,076 |
| May | 5,645 | 932 | 42 | 251 | 1,291 | 2,392 | 186 | 551 |
| June | 5,162 | 885 | 44 | 231 | 1,132 | 2,317 | 150 | 403 |
| Total | 17,624 | 3,049 | 145 | 814 | 4,097 | 7,049 | 440 | 2,030 |
| 1976 Apr | 6,288 | 920 | 50 | 277 | 1,545 | 2,433 | 377 | 686 |
| May p | 5,333 | 743 | 17 | 238 | 1,294 | 2,333 | 172 | 536 |
| June p | 5,137 | 656 | 17 | 233 | 1,173 | 2,505 | 150 | 403 |
| Total | 16,758 | 2,319 | 84 | 748 | 4,012 | 7,271 | 699 | 1,625 |
| Per cent change | -4.9 | -23.9 | -42.1 | -8.1 | -2.1 | +3.1 | +58.9 | +20.0 |

^{1.} Calendar months. 2. Excludes non-energy products and non-energy use of naphtha (LDF).

TABLE 15. Stocks of petroleum at end of month

| | | Held by oil comp | anies ¹ | Power stations ² |
|------|-------|------------------|------------------------|-----------------------------|
| | | Million tonnes | Estimated days' supply | Million tonnes |
| 1975 | June | 23.0 | 115 | 0.87 |
| | July | 23.5 | 110 | 0.93 |
| | Aug | 24.1 | 103 | 0.89 |
| 1976 | June | 20.4 | 99 | 0.89 |
| | July | 20.8 | 94 | 0.99 |
| | Aug p | 21.6 | 88 | 1.00 |

^{1.} Stocks of petroleum products plus the product equivalent of crude and process oils held at refineries, and products in the wholesale distribution system. 2. Fuel oil held at main oil burning stations in Great Britain.

APPROXIMATE CONVERSION FACTORS

(last digit rounded to nought or five)

To convert from one fuel to another, multiply by the factor shown

| From To | Million tons coal equiv. | Million tonnes oil equiv. | Million | TWh Electrical energy | TWh Electricity generated |
|-------------------------------|-----------------------------------|------------------------------------|----------------------|-----------------------------|---------------------------------|
| Million tons coal equivalent | 1 | 1.65 | 0.00390 | 0.135 | 0.5002 |
| Million tonnes oil equivalent | 0.600 | 1 | 0.00235 | 0.0800 | 0.2802 |
| Million therms | 255 | 425 | 1 | 34.0 | 115 |
| TWh Electrical energy | 7.45 | 12.5 | 0.0295 | 1 | |
| TWh Electricity generated | 2.003 | 3.60 ³ | 0.00880 ³ | | 1 |

^{1.} The amount of fuel (average grade) equivalent to 1 TWh of energy.

SUPPLEMENTARY DATA Prices of fuels used by Industry¹

| | | | Invoiced to I | arge industrial | consumers ² | |
|------|-------------|------|----------------|-----------------|------------------------|---------------|
| | | Coal | Heavy Fuel Oil | Gas Oil | Gas | Electricity |
| | | | £ per ton | | Pence per therm | Pence per KWh |
| 1974 | 1st quarter | 8.5 | 23.6 | 43.2 | 2.64 | 0.855 |
| | 2nd quarter | 9.1 | 33.4 | 50.6 | 2.78 | 0.854 |
| | 3rd quarter | 9.8 | 32.8 | 51.8 | 3.03 | 0.924 |
| | 4th quarter | 11.8 | 33.4 | 51.6 | 3.44 | 1.095 |
| 1975 | 1st quarter | 13.3 | 38.8 | 55.0 | 2.65 | 1.179 |
| | 2nd quarter | 15.1 | 38.2 | 54.2 | 4.15 | 1.178 |
| | 3rd quarter | 14.9 | 37.5 | 50.7 | 4.43 | 1.249 |
| | 4th quarter | 15.6 | 38.7 | 53.9 | 4.84 | 1.354 |
| 1976 | 1st quarter | 17.4 | 42.1 | 64.0 | 5.73 | 1.453 |
| | 2nd quarter | 16.5 | 41.5 | 62.1 | 5.64 | 1.444 |

| Realised in renewed me contra | edium size |
|-------------------------------|------------|
| Heavy Fuel Oil | Gas Oil |
| £ per 1 | ton |
| 34.7 | 52.8 |
| 34.2 | 54.3 |
| 33.8 | 53.1 |
| 40.7 | 58.2 |
| 41.1 | 59.4 |
| 40.6 | 55.5 |
| 39.4 | 54.0 |
| 46.4 | 70.3 |
| 45.7 | 70.8 |
| 44.4 | 69.5 |

^{3.} Public supply, railway and transport power stations. 4. Including fishing, coastal and inland shipping.

^{5.} Mainly public administration, commerce and agriculture.

^{3.} Latest three months calculated on forecast deliveries for the ensuing months. Figures for earlier period calculated on actual deliveries.

^{2.} The amount of primary fuel (power station grade) to generate 1 TWh.

^{3.} The amount of electricity generated by one million units of the fuel shown. The Digest of UK Energy Statistics 1976 gives more detailed factors.

^{1.} Prices for oil products include hydrocarbon oil duty.

^{2.} Derived from the volume and value of all purchases invoiced during each quarter, by a panel of about 800 large users of fuel in

manufacturing industry (excluding iron and steel).

^{3.} Derived from prices reported by the ten main oil marketing companies and relate to average net prices realised on medium sized new contracts or contracts which are renewed at a changed price. The coverage may extend beyond manufacturing industry and may include for example larger commercial users.