

# DEPARTMENT OF ENERGY

# ENERGY

# TRENDS

## A Statistical Bulletin



JULY 1985

### Total Energy

Total inland energy consumption, on a primary fuel input basis, in the three months March to May 1985 was 5.8 per cent higher than in the same period a year ago. The rise in energy consumption coincides with rises in manufacturing output in March to May 1985 and in Gross Domestic Product in the first quarter. Coal and oil figures for final consumption refer mainly to deliveries and the relationships between deliveries, stockdraw and consumption were distorted during the coal mining dispute. Comparisons with a year ago are therefore difficult to assess with certainty. At least some of the apparent increase in energy intensity\* is probably due to the unusual patterns of supplies prevailing last year. Consumption of coal in the three months March to May 1985 was 17.2 per cent higher than a year ago, whilst consumption of petroleum was 6.5 per cent lower. Consumption of natural gas and nuclear electricity rose by 8.5 per cent and 22.4 per cent respectively.

On a seasonally adjusted and temperature corrected basis total consumption was 7.3 per cent higher. Consumption of coal was up by 27.3 per cent, whilst consumption of petroleum was 10.0 per cent lower. Consumption of natural gas was 11.2 per cent higher. Although the average temperature for the three months was only slightly higher than a year ago, the patterns of temperature and sunshine in the two periods contain abnormal features which may have contributed to the sharp rise in temperature corrected energy use.

### Energy Consumption by final Users

Provisional data for energy consumption by final users in the first quarter of 1985 show that the total final consumption on a heat supplied basis was 4.0 per cent higher than in the first quarter of 1984. Consumption rose for all sectors except the iron and steel industry, where it fell by 4.2 per cent. Consumption by other industry rose by 2.2 per cent. As mentioned above the relationships between deliveries, stockdraw and consumption have been distorted by the coal mining dispute and figures for consumption by sector should be treated with caution. Total consumption of coal rose by 0.9 per cent, gas by 7.1 per cent, electricity by 4.4 per cent and petroleum by 1.9 per cent.

### Coal

Provisional figures for the three months March to May 1985 show total coal production at 21.8 million tonnes, of which deep-mined coal accounted for 17.2 million tonnes and opencast 3.9 million tonnes.

Use of home produced and imported coal in this period was 26.2 million tonnes, 17.2 per cent more than in the same period a year ago. Consumption at power stations was 10.7 per cent higher and consumption by coke ovens and other conversion industries was 41.6 per cent higher. Disposals to industry and to domestic and other final consumers were 23.0 per cent and 40.2 per cent higher respectively.

Total stocks of coal at the end of May amounted to 31.9 million tonnes, a rise of 0.2 million tonnes during the month but 10.0 million tonnes lower than at the end of May 1984. Stocks at power stations increased by 1.9 million tonnes during the month of May, whilst stocks at collieries and opencast sites fell by 1.6 million tonnes.

### Gas

In the three months March to May 1985 5,382 million therms of natural gas were supplied into the public supply system, 7.3 per cent more than in the same period a year ago. Indigenous and imported supplies were higher by 8.3 per cent and 4.7 per cent respectively.

Provisional figures for the first quarter of 1985 show that sales of gas by the public supply system were 7.1 per cent higher than in the same quarter of 1984. Sales to the domestic and other users sectors increased by 9.5 per cent and 10.6 per cent respectively.

### Electricity

During the period March to May 1985 4.5 per cent more electricity was supplied by the public supply system compared with the same period a year ago. Total fuel used, on a coal equivalent basis, was 5.9 per cent higher.

Provisional figures for sales of electricity by the public supply system in the first quarter of 1985 show an increase of 3.5 per cent compared with the same quarter of 1984. Sales to the other industries, domestic and other users sectors rose whilst sales to the iron and steel industry fell.

This month's supplementary data gives details of electricity generated by industry and transport undertakings in Great Britain. Provisional data for the first quarter of 1985 show an overall decrease of 2.2 per cent compared with the first quarter of 1984. Generation increased in the iron and steel industry, and the food, drink and tobacco, the chemical and allied trades and the other industries sectors, but decreased in the engineering and other metal trades, textiles, leather and clothing and paper, printing and stationery sectors.

### Petroleum

Production of crude oil in the three months March to May 1985 was 31.5 million tonnes. Production of natural gas liquids was 1.3 million tonnes.

Total output of petroleum products in the period increased by 4.3 per cent compared with the same period a year ago, with increased output of butane and propane, motor spirit, kerosene, fuel oil, lubricating oils and bitumen. Deliveries of petroleum products for inland consumption in the period were 10.2 per cent lower than a year ago. There were increased deliveries of motor spirit, aviation turbine fuel, derv fuel and lubricating oils. Deliveries of fuel oil decreased by 25.9 per cent.

*\*Inland consumption of primary energy per unit of GDP at constant prices.*

Enclosed with this edition of Energy Trends is a copy of the 1985 pocket-sized card containing a selection of some of the statistics that may be found in the Digest of United Kingdom Energy Statistics 1985 (due to be published at the end of July). An order form which may be used to purchase copies of the Digest (price £12.50 net) is also enclosed.

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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.

Due to rounding the sum of the constituent items may not equal the totals.

Percentage changes relate to the corresponding period a year ago. These comparisons can be affected by calendar differences.

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.

### Symbols used in the tables

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

# Total energy

TABLE 1. Inland energy consumption: primary fuel input basis

	Total	Coal <sup>1</sup>	Petroleum <sup>2</sup>	Natural <sup>3</sup> gas	Nuclear electricity	Hydro electricity
<i>Million tonnes of coal or coal equivalent</i>						
1980	328.7	120.8	121.4	71.1	13.40	2.00
1981	317.2	118.2	110.9	72.1	13.70	2.30
1982	311.9	110.7	111.1	71.7	16.00	2.40
1983	312.9	111.5	106.1	74.8	18.10	2.37
1984	312.2	79.0	135.2	76.5	19.48	2.08
Per cent change	–0.2	–29.2	+27.5	+2.3	+7.6	–12.2
1984 Jan-May	138.2	42.3	48.1	38.7	8.09	1.09
1985 Jan-May p	146.1	38.4	54.8	42.1	10.03	0.80
Per cent change	+5.7	–9.2	+13.9	+8.8	+24.0	–26.7
1984 Mar*	35.3	11.6	11.5	10.1	1.79	0.26
Apr	23.2	5.8	9.6	6.1	1.47	0.15
May	21.3	4.8	9.8	4.9	1.57	0.12
Total	79.7	22.3	30.9	21.1	4.83	0.52
1985 Mar *	35.7	8.8	13.7	10.7	2.40	0.19
Apr	24.8	8.6	7.7	6.5	1.84	0.15
May p	23.8	8.7	7.5	5.8	1.67	0.10
Total	84.4	26.2	28.9	22.9	5.91	0.44
Per cent change	+5.8	+17.2	–6.5	+8.5	+22.4	–15.8
<i>Seasonally adjusted and temperature corrected<sup>4</sup> (annual rates)</i>						
1984 Jan-May	307.4	95.4	114.9	75.7	19.27	2.26
1985 Jan-May p	324.2	89.5	127.5	81.9	23.77	1.65
Per cent change	+5.5	–6.2	+11.0	+8.2	+23.3	–27.1
1984 Mar *	306.4	105.7	105.8	76.3	16.42	2.16
Apr	304.6	79.2	127.0	76.6	19.56	2.19
May	299.8	63.4	138.2	71.9	24.40	1.99
Average	303.6	82.7	123.7	75.0	20.12	2.11
1985 Mar *	310.7	80.1	126.0	80.9	22.15	1.60
Apr	330.1	118.9	101.2	83.7	24.22	2.08
May p	337.0	116.9	106.9	85.5	25.95	1.61
Average	325.9	105.3	111.4	83.4	24.11	1.76
Per cent change	+7.3	+27.3	–10.0	+11.2	+19.8	–16.5

	Total	Coal <sup>1</sup>	Petroleum <sup>2</sup>	Natural <sup>3</sup> gas	Nuclear electricity	Hydro electricity
<i>Million tonnes of oil or oil equivalent</i>						
1980	193.3	71.1	71.4	41.8	7.80	1.20
1981	186.6	69.6	65.2	42.4	8.10	1.30
1982	183.5	65.1	65.4	42.2	9.40	1.40
1983	184.0	65.6	62.4	44.0	10.65	1.39
1984	183.7	46.5	79.5	45.0	11.46	1.22
Per cent change	–0.2	–29.2	+27.5	+2.3	+7.6	–12.2
1984 Jan-May	81.3	24.9	28.3	22.7	4.76	0.64
1985 Jan-May p	85.9	22.6	32.2	24.8	5.90	0.47
Per cent change	+5.7	–9.2	+13.9	+8.8	+24.0	–26.7
1984 Mar*	20.7	6.8	6.8	5.9	1.05	0.15
Apr	13.6	3.4	5.7	3.6	0.86	0.09
May	12.5	2.9	5.8	2.9	0.92	0.07
Total	46.9	13.1	18.2	12.4	2.84	0.31
1985 Mar *	21.0	5.2	8.0	6.3	1.41	0.11
Apr	14.6	5.1	4.5	3.8	1.08	0.09
May p	14.0	5.1	4.4	3.4	0.98	0.06
Total	49.6	15.4	17.0	13.5	3.48	0.26
Per cent change	+5.8	+17.2	–6.5	+8.5	+22.4	–15.8

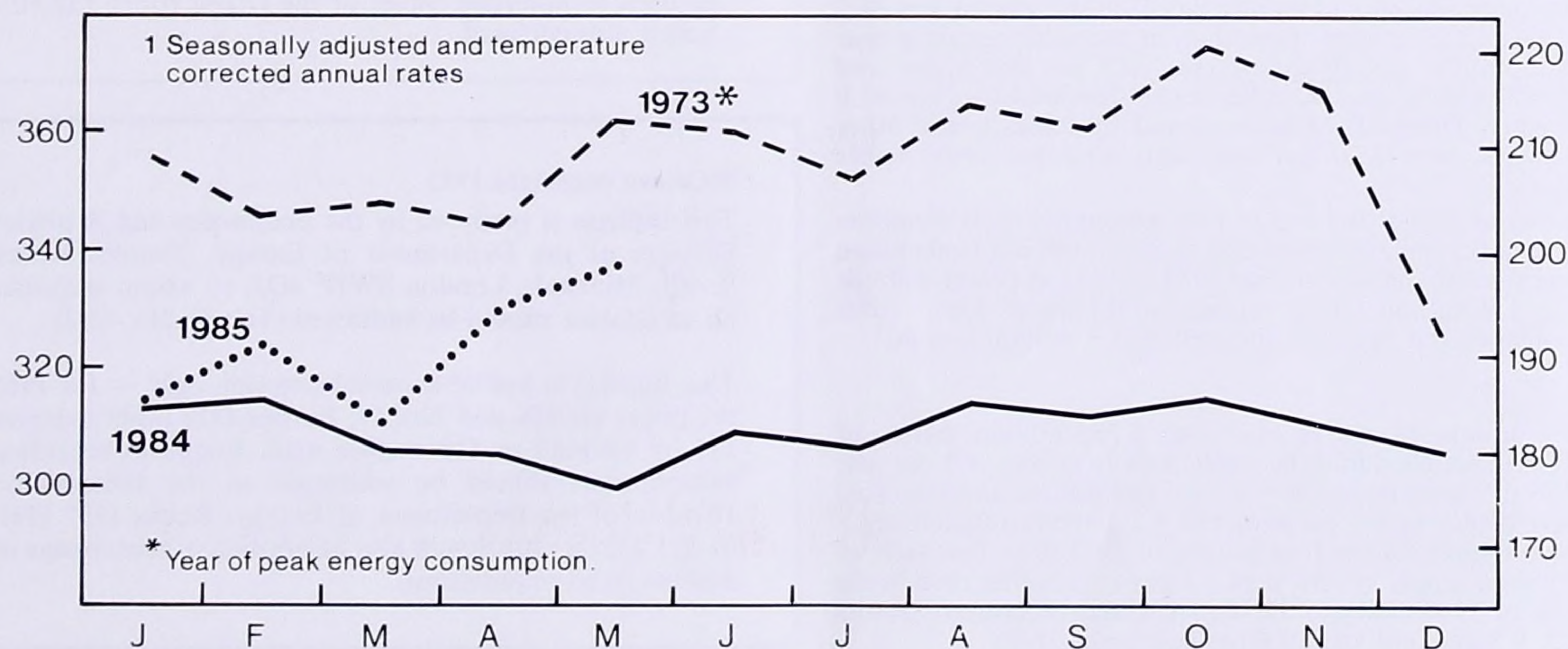
1984 Jan-May	180.8	56.1	67.6	44.5	11.34	1.33
1985 Jan-May p	190.7	52.6	75.0	48.2	13.98	0.97
Per cent change	+5.5	–6.2	+11.0	+8.2	+23.3	–27.1
1984 Mar *	180.2	62.2	62.3	44.9	9.66	1.27
Apr	179.2	46.6	74.7	45.1	11.50	1.29
May	176.4	37.3	81.3	42.3	14.35	1.17
Average	178.6	48.7	72.8	44.1	11.84	1.24
1985 Mar *	182.8	47.1	74.1	47.6	13.03	0.94
Apr	194.2	69.9	59.5	49.2	14.25	1.22
May p	198.2	68.8	62.9	50.3	15.26	0.95
Average	191.7	61.9	65.5	49.0	14.18	1.04
Per cent change	+7.3	+27.3	–10.0	+11.2	+19.8	–16.5

1. Consumption by fuel producers plus disposals (including imports) to final users, plus (for annual figures only) net foreign trade and stock change in other solid fuels. 2. Inland deliveries for energy use plus refinery fuel and losses minus the differences between deliveries and actual consumption at power stations and gas works. 3. Including non-energy use and excluding gas flared or re-injected. 4. Coal, petroleum and natural gas are temperature corrected.

## Energy: Total inland consumption (primary fuel input basis)<sup>1</sup>

Million tonnes coal equivalent

Million tonnes oil equivalent



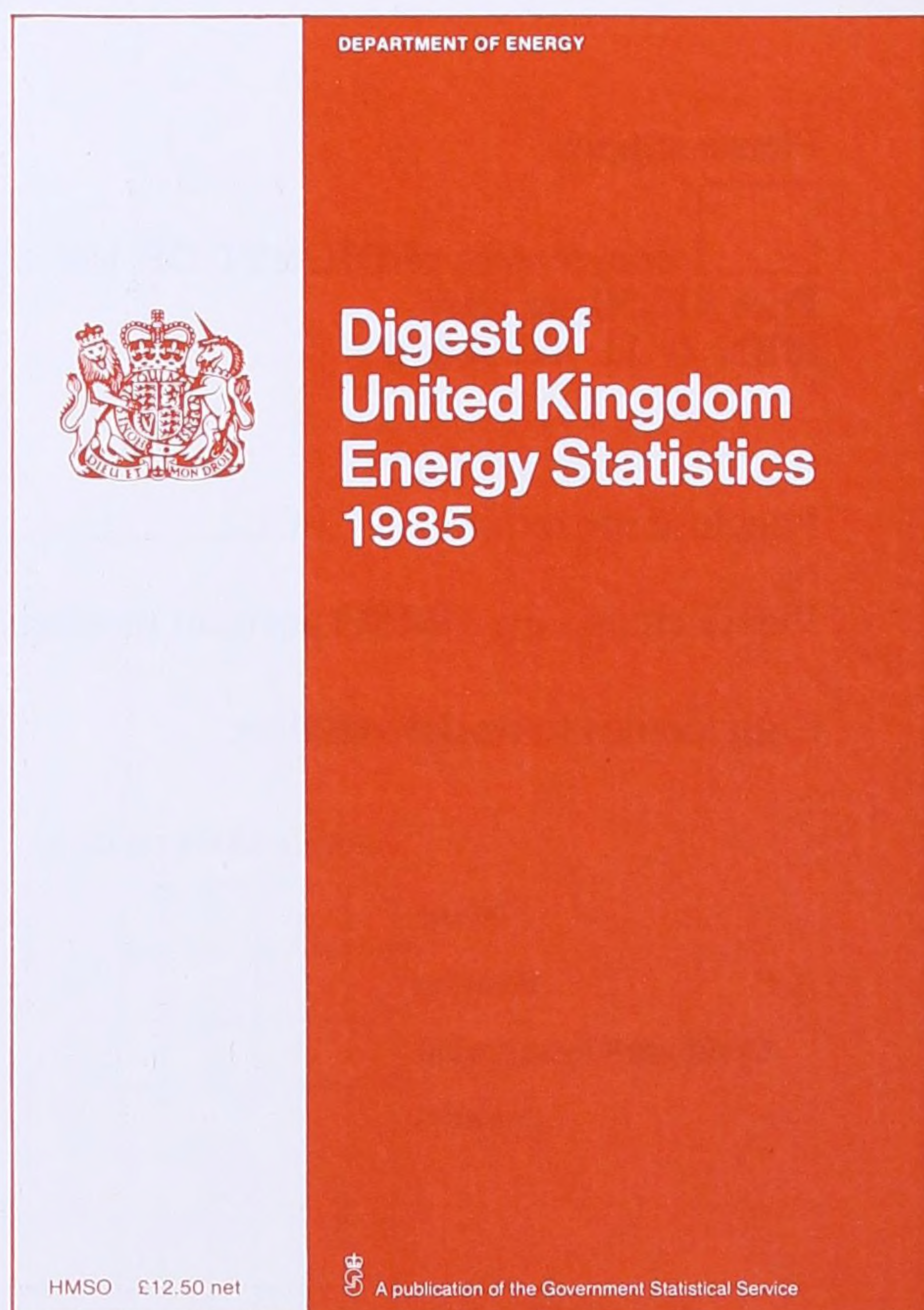


DEPARTMENT OF ENERGY

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The DIGEST OF UK ENERGY STATISTICS, published by the Department of Energy, provides, annually, the most authoritative information available about the United Kingdom's energy supplies. It is a valuable publication not only for those involved in energy production and distribution but also for business consultants, universities and, as national background, for those involved with energy management.



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TABLE 2. Supply and use of fuels

Million therms

	1983	1984	Per cent change	1983			1984				1985 p	Per <sup>1</sup> cent change
				2nd quarter	3rd quarter	4th quarter	1st quarter	2nd quarter	3rd quarter	4th quarter	1st quarter	
PRIMARY FUELS AND EQUIVALENTS												
Production of primary fuels												
Coal	28,859	12,195	- 57.7	7,371	6,533	7,467	5,162	2,174	2,183	2,676	3,624	- 29.8
Petroleum <sup>2</sup>	49,814	54,643	+ 9.7	11,626	12,674	13,563	13,838	13,176	13,194	14,442	14,301	+ 3.3
Natural gas <sup>3</sup>	14,442	14,118	- 2.2	3,070	1,895	4,008	5,318	2,676	1,880	4,123	5,824	+ 9.5
Primary electricity	4,708	4,958	+ 5.3	1,088	1,000	1,258	1,351	1,178	1,039	1,388	1,625	+ 20.3
Total	97,823	85,914	- 12.2	23,155	22,102	26,296	25,669	19,200	18,291	22,626	25,374	- 1.1
Arrivals, Petroleum <sup>4</sup>	17,286	23,480	+ 35.8	4,034	4,455	4,538	3,966	5,869	6,362	7,281	6,955	+ 75.4
Other	5,722	8,172	+ 42.8	1,398	1,113	1,770	1,997	2,001	1,656	2,480	2,608	+ 30.6
Shipments	37,893	40,872	+ 7.9	8,996	9,609	10,762	10,590	9,121	9,939	11,219	11,219	+ 5.9
Marine Bunkers	841	941	+ 11.9	141	220	209	171	229	303	239	193	+ 12.9
Stock change <sup>5</sup>												
Solid fuels	- 1,274	+ 4,701		- 824	- 486	+ 88	+ 2,604	+ 1,246	+ 320	+ 532	+ 775	
Crude Petroleum	+ 229	+ 288		+ 268	- 603	+ 435	+ 456	- 568	+ 29	+ 371	+ 129	
Petroleum products	+ 172	+ 78		+ 66	- 78	- 17	+ 29	- 10	+ 16	+ 38	+ 378	
Non-energy use	3,424	3,512	+ 2.6	954	885	756	923	856	876	869	867	- 6.1
Statistical difference <sup>6</sup>	- 139	+ 44		+ 85	- 54	- 329	+ 232	- 234	+ 139	+ 130	+ 309	
Total primary <sup>7</sup> energy input	77,661	77,352	- 0.4	18,091	15,736	21,056	23,270	17,298	15,695	21,131	24,250	+ 4.2
Conversion losses etc. <sup>8</sup>	23,508	23,300	- 0.9	5,347	4,987	6,295	6,731	5,169	5,042	6,397	7,041	+ 4.6
Final energy consumption	54,153	54,052	- 0.2	12,744	10,749	14,761	16,539	12,139	10,653	14,739	17,209	+ 4.0
FINAL CONSUMPTION BY USER												
Iron and steel industry												
Coal	18	14	- 22.2	4	2	5	6	4	2	2	4	- 56.5
Other solid fuel <sup>9</sup>	1,607	1,634	+ 1.7	426	381	400	450	369	391	423	426	- 5.1
Other coal derived fuels <sup>10</sup>	215	207	- 3.7	57	55	54	52	43	50	64	68	+ 18.5
Gas <sup>11</sup>	342	387	+ 13.2	86	77	88	101	97	85	103	92	- 8.9
Electricity	312	309	- 1.0	78	71	81	85	79	70	76	79	- 6.2
Petroleum	430	357	- 17.0	106	93	107	112	93	68	85	103	- 7.6
Total	2,924	2,908	- 0.5	758	679	734	805	684	666	755	771	- 4.2
Other industries												
Coal	1,851	1,554	- 16.6	428	461	509	427	359	341	424	418	- 2.1
Other solid fuel <sup>9</sup>	124	119	- 4.0	22	28	27	28	26	31	25	25	- 10.1
Other coal derived fuels <sup>10</sup>	47	14	- 70.2	12	12	12	12	5	2	7	7	- 39.1
Gas <sup>11</sup>	5,433	5,608	+ 3.2	1,313	1,078	1,487	1,667	1,307	1,113	1,531	1,678	+ 0.7
Electricity	2,219	2,340	+ 5.5	541	519	577	616	560	553	611	646	+ 4.8
Petroleum	4,329	3,942	- 8.9	1,002	829	1,175	1,223	884	754	1,081	1,286	+ 5.1
Total	14,003	13,567	- 3.1	3,318	2,925	3,786	3,974	3,142	2,795	3,680	4,060	- 2.2
Transport sector												
Coal and other solid fuel	7	1	- 85.7	1	0	0	1	0	0	0	1	+ 75.1
Electricity	98	98	-	24	23	25	26	25	23	24	27	+ 2.9
Petroleum	14,210	14,900	+ 4.9	3,561	3,764	3,551	3,458	3,751	3,920	3,769	3,482	+ 0.7
Total	14,315	14,999	+ 4.8	3,587	3,787	3,577	3,486	3,776	3,943	3,794	3,509	+ 0.7
Domestic sector												
Coal	2,301	1,879	- 18.3	648	541	585	570	381	366	560	583	+ 2.3
Other solid fuel <sup>9</sup>	586	422	- 28.0	165	152	129	144	87	81	105	138	- 3.9
Gas <sup>11</sup>	8,871	8,931	+ 0.7	1,794	837	2,790	3,719	1,655	902	2,655	4,074	+ 9.5
Electricity	2,830	2,863	+ 1.2	838	513	608	917	621	523	803	964	- 5.1
Petroleum	900	947	+ 5.2	175	161	275	314	184	171	277	325	+ 3.5
Total	15,488	15,042	- 2.9	3,421	2,203	4,585	5,663	2,929	2,044	4,399	6,084	+ 7.4
Other final users <sup>12</sup>												
Coal	463	453	- 2.2	97	68	143	135	101	77	139	144	+ 6.8
Other solid fuel <sup>9</sup>	131	119	- 9.2	35	36	31	32	29	26	31	44	+ 33.0
Gas <sup>11</sup>	2,260	2,329	+ 3.1	494	216	668	950	458	223	699	1,051	+ 10.6
Electricity	2,027	2,102	+ 3.7	475	435	542	612	479	451	558	640	+ 4.5
Petroleum	2,542	2,533	- 0.4	560	400	693	881	541	428	684	905	+ 2.8
Total	7,423	7,536	+ 1.5	1,660	1,154	2,078	2,612	1,609	1,205	2,111	2,785	+ 6.6
Total final users	54,153	54,052	- 0.2	12,744	10,749	14,761	16,539	12,139	10,653	14,739	17,209	+ 4.0
FINAL CONSUMPTION BY FUEL												
Coal	4,640	3,891	- 16.1	1,179	1,073	1,242	1,139	845	786	1,124	1,149	+ 0.9
Other solid fuel <sup>9</sup>	2,447	2,293	- 6.3	647	596	588	653	512	529	586	633	- 3.1
Other coal derived fuels <sup>10</sup>	261	220	- 15.7	69	66	66	64	48	53	71	76	+ 17.9
Gas <sup>11</sup>	16,906	17,255	+ 2.1	3,687	2,208	5,033	6,437	3,517	2,323	4,988	6,895	+ 7.1
Electricity	7,486	7,713	+ 3.0	1,756	1,560	2,031	2,257	1,764	1,620	2,073	2,356	+ 4.4
Petroleum	22,412	22,680	+ 1.2	5,405	5,246	5,802	5,989	5,453	5,342	5,896	6,100	+ 1.9
Total all fuels	54,153	54,052	- 0.2	12,744	10,749	14,761	16,539	12,139	10,653	14,739	17,209	+ 4.0

1. Per cent change on the corresponding period of the previous year. 2. Crude petroleum and natural gas liquids. 3. Excluding gas flared or re-injected. 4. Crude petroleum, process oils and petroleum products. 5. Stock fall (+) and stock rise (-). 6. Supply greater than recorded demand (-). 7. Thermal equivalent of total inland energy consumption in Table 1. A more detailed analysis of the 1984 figures is shown in the Digest of United Kingdom Energy Statistics 1985 Tables 4 and 6. 8. Losses in conversion and distribution and used by fuel industries. 9. Coke and other manufactured solid fuels. 10. Coke oven gas and creosote/pitch mixtures. 11. Natural gas, supplied direct, and town gas. 12. Mainly public administration, commerce and agriculture.



# Coal

TABLE 3. Coal production, foreign trade and deep-mined tonnage lost

Thousand tonnes

	Production			Net imports	Imports <sup>2</sup>	Shipments <sup>3</sup>	Tonnage lost (deep-mined) <sup>4</sup>	
	Total <sup>1</sup>	Deep-mined	Opencast				Recognised holidays and rest days	Disputes
1980	130,097	112,430	15,779	+ 3,525	7,334	3,809	12,039	1,226
1981	127,469	110,473	14,828	- 4,823	4,290	9,113	13,204	1,191
1982	124,711	106,161	15,266	- 3,384	4,063	7,447	12,401	3,468
1983	119,254	101,742	14,706	- 2,105	4,456	6,561	12,021	4,499
1984	51,182	35,243	14,306	+ 6,601	8,894	2,293	11,083	64,972
Per cent change	- 57.1	- 65.4	- 2.7		+ 99.6	- 65.1	- 7.8	(+)
1984 Jan-May	27,335	20,875	5,687	+ 615	2,663	2,048	1,742	23,366
1985 Jan-May p	29,513	22,575	6,019	+ 4,897	5,180	283	1,869	13,444
Per cent change	+ 8.0	+ 8.1	+ 5.8		+ 94.5	- 86.2	+ 7.3	- 42.5
1984 Mar*	6,164	4,458	1,571	- 84	473	557	—	6,671
Apr	2,745	1,660	993	+ 469	587	118	834	6,061
May	2,924	1,703	1,180	+ 839	873	34	413	6,361
Total	11,834	7,821	3,745	+ 1,224	1,933	709	1,247	19,093
1985 Mar *	6,940	5,039	1,645	+ 1,012	1,072	60	—	2,601
Apr	6,715	5,495	1,002	+ 1,077	1,161	84	569	90
May p	8,177	6,652	1,288	+ 761	843	82	291	158
Total	21,831	17,185	3,935	+ 2,850	3,076	226	861	2,850
Per cent change	+ 84.5	(+)	+ 5.1		+ 59.1	- 68.1	- 31.0	- 85.1

1. Includes an estimate for slurry, etc., recovered and disposed of otherwise than by the National Coal Board. 2. As recorded in the Overseas Trade Statistics. 3. Shipments as recorded by the NCB; the figures may differ from those published in the Overseas Trade Statistics. 4. NCB only.

TABLE 4. Inland coal use

Thousand tonnes

	Total	Fuel producers (consumption)				Final users (disposals by collieries and opencast sites)			
		Primary	Secondary			Industry <sup>3</sup>	Domestic		Other <sup>6</sup>
		Collieries	Power stations <sup>1</sup>	Coke ovens	Other <sup>2</sup> conversion industries		House coal <sup>3 4</sup>	Other <sup>5</sup>	
1980	123,460	663	89,569	11,610	3,022	7,841	7,262	1,684	1,809
1981	118,386	616	87,226	10,805	2,458	6,990	6,851	1,603	1,837
1982	110,998	534	80,228	10,406	2,326	7,122	6,719	1,756	1,907
1983	111,475	486	81,565	10,448	2,114	7,193	6,212	1,660	1,797
1984	77,309	209	53,411	8,246	1,300	6,003	4,844	1,562	1,733
Per cent change	- 30.6	- 56.9	- 34.5	- 21.1	- 38.5	- 16.5	- 22.0	- 5.9	- 3.6
1984 Jan-May	42,283	141	32,019		4,027	2,520	2,204	585	787
1985 Jan-May p	38,389	140	26,257		4,922 <sup>7</sup>	2,786	2,594	881	811
Per cent change	- 9.2	- 0.7	- 18.0		+ 22.2	+ 10.5	+ 17.7	+ 50.7	+ 3.0
1984 Mar *	11,625	38	9,113		1,045	613	483	129	205
Apr	5,849	12	4,363		590	356	293	88	148
May	4,847	11	3,191		572	498	342	114	119
Total	22,321	61	16,667		2,207	1,467	1,117	331	472
1985 Mar *	8,824	36	6,019		1,175	644	534	214	202
Apr p	8,613	28	6,283		947 <sup>7</sup>	560	472	202	121
May p	8,728	28	6,150		1,002 <sup>7</sup>	601	597	214	135
Total	26,164	92	18,452		3,125 <sup>7</sup>	1,804	1,603	630	459
Per cent change	+ 17.2	+ 50.8	+ 10.7		+ 41.6	+ 23.0	+ 43.5	+ 90.3	- 2.8

1. Public supply and railway and transport power stations. 2. Gas works, low temperature carbonisation and patent fuel plants. 3. For 1984 onwards, includes estimated proportion of total imports. 4. Including miners' coal. 5. Anthracite, dry steam coal and imported naturally smokeless fuels. 6. Includes public administration and commerce. 7. Partly estimated.

TABLE 5. Stocks of coal<sup>1</sup> at end of period: Great Britain

Thousand tonnes

	Total	Distributed				Undistributed		
		Total distributed stocks	Power stations	Coke ovens	Other	Total undistributed stocks	Collieries	Opencast sites
1980	37,687	20,370	18,616	1,611	143	17,317	13,091	4,226
1981	42,253	20,136	18,263	1,730	143	22,117	17,435	4,682
1982	52,377	30,422	28,291	1,992	139	21,955	17,675	4,280
1983	57,960	33,964	31,907	1,786	271	23,996	18,909	5,088
1984	36,548	15,794	14,402	1,199	193	20,753	10,969	9,784
1984 Mar	46,178	24,455	23,014	1,216	225	21,723	16,954	4,769
Apr	43,161	21,288	19,937	1,176	176	21,873	16,401	5,472
May	41,913	19,797	18,413	1,219	165	22,116	16,027	6,089
1985 Mar	33,443	13,501	11,916	1,419	166	19,942	10,167	9,775
Apr p	31,747	14,058	12,325	1,543	190	17,688	8,891	8,797
May p	31,923	15,866	14,235	1,412	220	16,056	8,120	7,937
Absolute change: in latest month	+ 176	+ 1,808	+ 1,910	- 131	+ 30	- 1,632	- 771	- 860
on a year ago	- 9,990	- 3,931	- 4,178	+ 193	+ 55	- 6,060	- 7,907	+ 1,848

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



TABLE 6. Colliery manpower and productivity at NCB mines

	Wage earners on colliery books				Absence percentage			Average output per manshift worked <sup>4</sup>		
					Total	Voluntary <sup>2</sup>	Involuntary <sup>3</sup>	Overall	Underground	
	Total <sup>1</sup>	Underground <sup>1</sup>	Recruitment	Wastage					Total	Produ- ction <sup>5</sup>
	Thousands		Number		Per cent			Tonnes		
1980	228	182	14,749	19,383	13.1	4.1	9.0	2.32	2.95	9.05
1981	215	174	6,123	18,771	11.4	3.5	7.9	2.38	3.00	9.43
1982	206	167	6,709	16,327	10.6	3.6	7.0	2.41	3.03	9.88
1983	187	152	3,180	22,218	10.6	3.4	7.2	2.51	3.14	10.58
1984	174	141	1,511	14,001	7.9	1.5	6.4	2.24	2.77	10.31
Per cent change	- 6.8	- 6.9	- 52.5	- 37.3				- 10.6	- 11.7	- 2.6
1984 Jan-May	182 <sup>6</sup>	148 <sup>6</sup>	461	8,546	10.2	2.4	7.8	2.23	2.75	9.79
1985 Jan-May p	171 <sup>6</sup>	139 <sup>6</sup>	1,714	7,705	8.5	2.6	5.9	2.07	2.62	10.12
Per cent change	- 5.7	- 5.9	( + )	- 9.8				- 7.2	- 4.9	+ 3.4
1984 Mar *	181	147	150	1,876	10.4	2.2	8.1	2.18	2.67	9.66
Apr	180	146	26	1,441	8.7	1.1	7.6	2.08	2.55	9.89
May	178	145	3	1,431	8.0	0.8	7.1	2.21	2.74	10.61
1985 Mar *	171	139	555	1,660	8.9	3.2	5.7	1.63	2.06	8.92
Apr p	170	138	323	2,047	10.7	3.6	7.1	2.11	2.64	9.64
May p	168	136	197	2,008	12.0	3.5	8.5	2.47	3.11	11.01

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-minded revenue coal. 5. Output from production faces divided by production manshifts. 6. Average numbers during the period.

Gas

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

	Natural gas supply					Gas sent out <sup>2</sup>
	Total into system	Source <sup>1</sup>				
		Indigenous	Imported	Indigenous	Imported	
	Million therms			Percentage of total		Million therms
1980	17,075	13,116	3,959	76.8	23.2	17,105
1981	17,153	12,899	4,254	75.2	24.8	17,130
1982	16,806	12,905	3,901	76.8	23.2	16,740
1983	17,344	13,090	4,254	75.5	24.5	17,204
1984	17,884	12,893	4,992	72.1	27.9	17,788
Per cent change	+ 3.1	- 1.5	+ 17.3			+ 3.4
1984 Jan-May	9,197	6,801	2,396	73.9	26.1	9,179
1985 Jan-May p	9,936	7,444	2,492	74.9	25.1	9,956
Per cent change	+ 8.0	+ 9.5	+ 4.0			+ 8.5
1984 Mar *	2,430	1,821	610	74.9	25.1	2,436
Apr	1,441	1,005	436	69.8	30.2	1,430
May	1,145	776	369	67.7	32.3	1,142
Total	5,016	3,602	1,414	71.8	28.2	5,009
1985 Mar *	2,540	1,927	614	75.8	24.2	2,537
Apr	1,509	1,046	463	69.3	30.7	1,519
May p	1,332	928	404	69.7	30.3	1,309
Total	5,382	3,901	1,481	72.5	27.5	5,364
Per cent change	+ 7.3	+ 8.3	+ 4.7			+ 7.1

1. Figures differ from production and imports respectively because of stock changes and small quantities not entering the public supply system.  
2. Includes small quantities of Substitute Natural Gas and Town Gas.

TABLE 8. Sales of gas by the public supply system

Million therms

	Total	Power stations <sup>1</sup>	Iron and steel industry	Other industries	Domestic	Other <sup>2</sup>
1980	16,630	140	451	5,539	8,439	2,061
1981	16,622	78	409	5,261	8,764	2,110
1982	16,657	76	365	5,319	8,719	2,178
1983	16,844	77	342	5,295	8,871	2,260
1984	17,302	178	387	5,477	8,931	2,329
Per cent change	+ 2.7	( + )	+ 13.2	+ 3.4	+ 0.7	+ 3.1
1983 1st quarter	5,963	20	91	1,519	3,451	883
2nd quarter	3,677	19	86	1,284	1,793	494
3rd quarter	2,190	18	77	1,043	836	215
4th quarter	5,014	20	88	1,448	2,790	668
1984 1st quarter	6,417	21	101	1,626	3,719	950
2nd quarter	3,504	19	97	1,274	1,655	458
3rd quarter	2,336	45	85	1,081	902	222
4th quarter	5,045	92	103	1,496	2,655	699
1985 1st quarter p	6,874	16	92	1,641	4,074	1,051
Per cent change <sup>3</sup>	+ 7.1	- 23.8	- 8.9	+ 0.9	+ 9.5	+ 10.6

1. Public supply and transport power stations. 2. Public administration and commerce. 3. Per cent change on the corresponding period of the previous year.



# Electricity

TABLE 9. Fuel used by, and electricity production and availability from the public supply system

	Fuel used						Electricity generated			Own <sup>5</sup> use	Electricity supplied	Electricity <sup>6</sup> available
	Total <sup>1</sup>	Coal <sup>2</sup>	Oil <sup>2 3</sup>	Natural gas	Nuclear electricity	Hydro electricity	Total <sup>4</sup>	By steam plant				
								Nuclear	Other			
	Million tonnes coal or coal equivalent						TWh					
United Kingdom												
1980	114.77	89.57	11.23	0.22	11.93	1.72	266.38	33.46	227.97	18.71	246.67	251.34
1981	110.19	87.23	8.69	—	12.17	2.03	259.73	34.04	220.26	17.62	242.11	246.22
1982	107.07	79.95	10.63	—	14.41	2.02	255.44	40.00	209.96	17.65	237.79	242.02
1983	108.03	81.44	8.08	—	16.47	2.02	260.44	45.78	208.51	19.13	241.31	246.02
1984	109.52	53.41	36.23	0.39	17.72	1.75	265.99	49.50	209.12	19.62	246.37	250.76
Per cent change	+ 1.4	− 34.4	(+)	(+)	+ 7.6	− 13.5	+ 2.1	+ 8.1	+ 0.3	+ 2.6	+ 2.1	+ 1.9
1984 Jan-May	47.97	32.02	7.62	—	7.38	0.94	116.88	20.53	93.50	8.44	108.44	110.29
1985 Jan-May p	50.67	26.26	14.13	0.39	9.23	0.65	123.41	25.56	94.61	9.34	114.07	115.57
Per cent change	+ 5.6	− 18.0	+ 85.4	(+)	+ 25.1	− 30.6	+ 5.6	+ 24.5	+ 1.2	+ 10.7	+ 5.2	+ 4.8
1984 Mar *	12.11	9.11	1.16	—	1.61	0.22	29.31	4.49	24.13	2.10	27.20	27.67
Apr	7.96	4.36	2.16	—	1.32	0.12	19.67	3.70	15.57	1.45	18.22	18.57
May	7.51	3.19	2.76	—	1.46	0.09	18.67	4.06	14.27	1.36	17.31	17.57
Total	27.57	16.67	6.08	—	4.39	0.43	67.65	12.24	53.97	4.92	62.73	63.81
1985 Mar *	12.29	6.02	3.83	0.12	2.17	0.16	29.86	6.02	23.23	2.21	27.65	28.00
Apr	8.63	6.28	0.45	0.09	1.69	0.12	21.05	4.67	15.88	1.71	19.34	19.63
May p	8.26	6.15	0.43	0.03	1.58	0.07	20.25	4.37	15.45	1.69	18.56	18.79
Total	29.19	18.45	4.71	0.24	5.43	0.35	71.16	15.07	54.56	5.62	65.55	66.42
Per cent change	+ 5.9	+ 10.7	− 22.5	(+)	+ 23.7	− 18.6	+ 5.2	+ 23.1	+ 1.1	+ 14.2	+ 4.5	+ 4.1
England and Wales												
1980	99.21	80.77	8.56	0.22	9.44	0.12	230.94	26.55	203.71	15.59	215.25	217.71
1981	94.47	78.63	6.11	—	9.53	0.13	224.32	26.70	196.85	14.83	209.49	213.36
1982	91.84	72.97	7.57	—	11.13	0.11	220.51	30.97	188.77	14.70	205.81	211.02
1983	93.57	76.31	4.40	—	12.72	0.11	226.32	35.53	189.42	16.11	210.21	214.75
1984	93.48	49.87	29.34	0.39	13.78	0.09	227.01	38.76	185.02	16.50	210.51	219.14
Per cent change	− 0.1	− 34.6	(+)	(+)	+ 8.3	− 23.2	+ 0.3	+ 9.1	− 2.3	+ 2.4	+ 0.1	+ 2.0
1984 Jan-May	40.79	29.56	5.62	—	5.56	0.04	99.84	15.58	83.61	7.04	92.80	96.14
1985 Jan-May p	43.74	24.51	11.42	0.39	7.39	0.04	106.39	20.56	84.19	7.96	98.43	100.99
Per cent change	+ 7.2	− 17.1	(+)	(+)	+ 32.9	+ 5.4	+ 6.6	+ 32.0	+ 0.7	+ 13.0	+ 6.1	+ 5.0
1984 Mar *	10.36	8.53	0.68	—	1.15	0.01	25.15	3.25	21.76	1.75	23.40	24.16
Apr	6.72	3.92	1.84	—	0.97	—	16.68	2.73	13.86	1.19	15.49	16.17
May	6.40	2.97	2.33	—	1.10	—	15.96	3.07	12.78	1.14	14.82	15.49
Total	23.48	15.42	4.85	—	3.22	0.01	57.80	9.05	48.40	4.08	53.72	55.81
1985 Mar *	10.54	5.49	3.22	0.12	1.71	0.01	25.57	4.77	20.57	1.88	23.68	24.54
Apr	7.55	5.79	0.29	0.09	1.37	0.01	18.46	3.79	14.45	1.48	16.98	17.16
May p	7.21	5.64	0.28	0.03	1.25	0.01	17.77	3.50	14.05	1.46	16.32	16.44
Total	25.30	16.92	3.79	0.24	4.33	0.02	61.80	12.07	49.07	4.82	56.98	58.14
Per cent change	+ 7.8	+ 9.7	− 21.9	(+)	+ 34.5	(+)	+ 6.9	+ 33.4	+ 1.4	+ 18.2	+ 6.1	+ 4.2

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 in works and for pumping at pumped storage stations. 6. Includes net imports and purchases from outside sources mainly UKAEA and British Nuclear Fuels. 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 <sup>1</sup>
1980	229,909	9,529	77,543	86,107	56,730
1981	226,195	10,490	74,055	84,439	57,211
1982	221,630	9,764	71,483	82,787	57,596
1983	224,907	9,363	72,057	82,953	60,534
1984	229,000	9,290	73,178	83,898	62,634
Per cent change	+ 1.8	- 0.8	+ 1.6	+ 1.1	+ 3.5
1983 1st quarter	64,234	2,479	18,963	25,620	17,176
2nd quarter	52,885	2,334	17,660	18,698	14,192
3rd quarter	47,061	2,133	16,910	15,022	12,993
4th quarter	60,727	2,417	18,524	23,613	16,173
1984 1st quarter	67,397	2,540	19,747	26,868	18,242
2nd quarter	52,513	2,362	17,629	18,197	14,325
3rd quarter	48,028	2,097	17,162	15,317	13,452
4th quarter	61,062	2,291	18,640	23,516	16,615
1985 1st quarter p	69,739	2,356	20,056	28,248	19,079
Per cent change <sup>2</sup>	+ 3.5	- 7.2	+ 1.6	+ 5.0	+ 4.4

1. Mainly commerce, public administration and agriculture. 2. Per cent change on the corresponding period of the previous year.



# Petroleum

TABLE 11. Indigenous production, refinery receipts, arrivals and shipments<sup>1</sup>

	Indigenous Production <sup>2</sup>			Crude Oil <sup>4</sup>						Petroleum Products		
				Refinery Receipts			Foreign Trade <sup>8</sup>			Foreign Trade <sup>8</sup>		
	Total	Crude Oil	NGLs <sup>3</sup>	Indigenous <sup>5</sup>	Other <sup>6</sup>	Net Foreign <sup>7</sup> Arrivals	Arrivals	Shipments		Arrivals	Shipments	Bunkers <sup>10</sup>
Indigenous								Other <sup>9</sup>				
	Million tonnes			Thousand tonnes								
1980	80.5	78.9	1.6	39,844	2,005	45,556	46,717	38,531	1,161	9,246	14,598	2,457
1981	89.5	88.0	1.5	37,769	2,486	36,361	36,855	51,149	494	9,402	12,793	2,073
1982	103.2	100.3	2.9	40,294	3,162	33,249	33,754	60,195	505	12,524	13,585	2,583
1983	114.9	110.8	4.1	44,815	2,366	29,163	30,324	67,397	1,161	9,907	14,674	2,019
1984	125.9	121.2	4.8	45,345	2,196	30,908	32,272	77,271	1,363	23,082	14,234	2,248
Per cent change	+9.6	+9.4	+17.1	+1.2	−7.2	+6.0	+6.4	+14.7	+17.4	(+)	−3.0	+11.3
1984 Jan-May	52.6	50.6	2.0	20,221	837	11,258	12,033	31,452	775	6,175	5,462	734
1985 Jan-May p	54.8	52.5	2.2	18,355	518	14,766	15,268	34,739	502	8,655	6,621	801
Per cent change	+4.2	+3.8	+10.0	−9.2	−38.1	+31.2	+26.9	+10.5	−35.2	+40.2	+21.2	+9.1
1984 Mar	10.6	10.2	0.4	3,191	196	1,827	2,003	7,115	176	1,109	778	142
Apr	10.2	9.9	0.3	4,866	232	2,233	2,455	5,328	221	1,206	1,104	149
May	10.5	10.1	0.4	3,643	203	3,203	3,282	6,493	78	2,022	1,218	175
Total	31.3	30.2	1.1	11,701	631	7,264	7,739	18,936	476	4,337	3,100	466
1985 Mar	11.1	10.6	0.5	3,752	128	3,598	3,671	7,465	73	1,839	1,199	155
Apr	10.8	10.4	0.4	3,808	96	3,065	3,128	6,268	63	572	1,236	178
May p	11.0	10.5	0.4	4,033	173	2,990	3,161	6,786	171	587	1,542	164
Total	32.8	31.5	1.3	11,593	397	9,653	9,961	20,519	308	2,998	3,977	497
Per cent change	+4.8	+4.3	+18.2	−0.9	−37.1	+32.9	+28.7	+8.4	−35.3	−30.9	+28.3	+6.7

1. Calendar Months. 2. Includes for convenience offshore and land production. 3. Condensates and petroleum gases derived at onshore treatment plants. 4. Includes process (partly refined) oils. 5. Includes condensate for distillation. 6. Mainly recycled products. 7. Arrivals less re-exports. 8. Foreign Trade recorded by the Petroleum Industry and may differ from figures published in the Overseas Trade Statistics. 9. Mainly process oils but may include re-exports of crude oil. 10. International marine bunkers.

TABLE 12. Refinery throughput and output of petroleum products<sup>1</sup>

Thousand tonnes

	Through- put of crude and process oil	Refinery use		Total <sup>2</sup> output of petrol- eum pro- ducts	Gases		Naphtha (LDF)	Motor spirit	Kerosene		Gas/ diesel oil	Fuel oil	Lubri- cating oils	Bitumen
		Fuel	Losses/ (Gains)		Butane and propane	Other Petro- leum			Aviation turbine fuel	Bur- ning oil				
1980	86,341	6,265	849	79,227	1,366	92	3,541	16,609	5,198	2,034	22,153	23,700	1,250	1,928
1981	78,287	5,445	836	72,006	1,391	75	3,405	17,140	4,559	1,904	20,410	19,069	1,063	1,735
1982	77,130	5,549	834	70,747	1,400	75	3,492	19,134	4,457	1,851	20,581	15,808	990	1,862
1983	76,876	5,297	652	70,927	1,482	56	3,550	21,053	4,723	1,770	21,029	13,483	936	1,798
1984	79,117	5,350	579	73,187	1,578	78	3,206	22,236	5,352	2,066	21,547	13,071	1,108	1,795
Per cent change	+2.9	+1.0	−11.2	+3.2	+6.5	+39.3	−9.7	+5.6	+13.3	+16.7	+2.5	−3.1	+18.4	−0.2
1984 Jan-May	32,194	2,214	204	29,775	589	27	1,561	8,721	2,020	876	9,367	5,071	430	666
1985 Jan-May p	32,877	2,163	75	30,639	598	28	1,259	8,912	2,132	988	9,338	5,744	495	644
Per cent change	+2.1	−2.3	−63.2	+2.9	+1.5	+3.7	−19.3	+2.2	+5.5	+12.8	−0.3	+13.3	+15.1	−3.3
1984 Mar	6,079	398	22	5,659	80	5	312	1,612	441	153	1,825	903	103	166
Apr	6,507	438	56	6,012	110	6	265	1,812	430	171	1,953	969	87	124
May	6,697	450	51	6,197	135	5	302	1,926	381	134	1,912	1,094	52	164
Total	19,282	1,286	129	17,868	325	16	879	5,350	1,252	458	5,690	2,965	242	455
1985 Mar	6,906	441	24	6,440	125	6	243	1,860	443	224	1,931	1,226	98	168
Apr	6,578	440	(17)	6,155	130	5	225	1,860	459	167	1,853	1,118	98	136
May p	6,526	428	52	6,047	126	5	185	1,979	467	149	1,738	1,011	106	187
Total	20,010	1,309	59	18,642	381	16	654	5,700	1,370	540	5,521	3,355	301	491
Per cent change	+3.8	+1.8	−54.3	+4.3	+17.2	−	−25.6	+6.5	+9.4	+17.9	−3.0	+13.2	+24.4	+7.9

1. Calendar Months. 2. Including output of products not shown separately, namely aviation spirit, wide-cut gasoline, industrial and white spirits, petroleum wax and miscellaneous products.

TABLE 13. Deliveries of petroleum products for inland consumption<sup>1</sup>

Thousand tonnes

	Total <sup>2 3</sup>	Butane <sup>4</sup> and propane	Naphtha <sup>5</sup> (LDF)	Motor spirit	Kerosene				Gas/diesel oil		Fuel oil	Lubri- cating oils	Bitumen
					Aviation turbine fuel	Burning oil							
						Premier	Standard						
							Domestic	Other	Derv fuel	Other			
1980	71,177	1,287	3,277	19,145	4,685	348	1,356	399	5,854	11,771	19,157	896	1,826
1981	66,256	1,209	3,656	18,718	4,495	258	1,230	417	5,549	11,554	15,656	837	1,666
1982	67,246	1,449	3,412	19,247	4,474	199	1,142	404	5,731	11,023	16,191	827	1,956
1983	64,464	1,778	3,570	19,566	4,566	156	1,121	386	6,183	10,432	12,524	818	1,987
1984	81,435	1,948	3,337	20,226	4,828	123	1,176	411	6,755	10,499	27,864	818	1,900
Per cent change	+26.3	+9.6	−6.5	+3.4	+5.7	−21.2	+4.9	+6.5	+9.3	+0.6	(+)	—	−4.4
1984 Jan-May	30,182	902	1,691	8,159	1,776	70	567	180	2,709	4,885	7,539	343	716
1985 Jan-May p	33,396	745	1,312	8,146	1,835	68	620	211	2,902	5,029	10,939	343	667
Per cent change	+10.6	−17.4	−22.4	−0.2	+3.3	−2.9	+9.3	+17.2	+7.1	+2.9	+45.1	—	−6.8
1984 Mar	6,310	196	383	1,703	372	16	134	43	610	1,126	1,345	73	186
Apr	5,936	135	306	1,667	383	9	95	31	497	879	1,598	65	134
May	6,847	151	312	1,757	422	4	69	28	575	769	2,385	72	182
Total	19,093	482	1,001	5,128	1,177	30	297	101	1,683	2,774	5,328	210	501
1985 Mar	6,849	132	258	1,670	354	10	122	42	616	989	2,292	71	174
Apr	5,245	172	215	1,693	398	7	81	29	553	813	968	69	136
May p	5,053	100	205	1,800	443	4	67	30	603	749	690	72	179
Total	17,147	404	677	5,163	1,196	20	270	101	1,772	2,551	3,950	212	489
Per cent change	−10.2	−16.2	−32.4	+0.7	+1.6	−33.3	−9.1	—	+5.3	−8.0	−25.9	+1.0	−2.4

1. Calendar Months. 2. Including other petroleum gases, aviation spirit, wide-cut gasoline, industrial and white spirits, petroleum wax and miscellaneous products. 3. Excluding refinery fuel. 4. Including amounts for petro-chemicals. 5. Now mainly for petro-chemical feedstock.



TABLE 14. Deliveries of petroleum products for inland consumption: energy uses<sup>1 2</sup>

Thousand tonnes

	Total	Power <sup>3</sup> stations	Gas works	Iron and steel industry	Other industries	Transport <sup>4</sup>	Domestic	Other <sup>5</sup>
1980	64,176	6,516	310	1,588	14,517	31,738	2,553	6,954
1981	58,707	4,863	252	1,381	12,624	30,622	2,301	6,664
1982	59,643	6,873	213	1,224	11,600	31,315	2,146	6,272
1983	56,446	4,647	159	1,046	10,291	32,249	2,044	6,011
1984	73,259	20,913	157	866	9,364	33,823	2,139	5,996
Per cent change	+ 29.8	(+)	- 1.3	- 17.2	- 9.0	+ 4.9	+ 4.6	- 0.2
1984 Jan-Apr	20,538	2,355	65	351	3,707	10,573	884	2,604
1985 Jan-Apr p	25,709	7,410	60	313	3,732	10,716	875	2,604
Per cent change	+ 25.2	(+)	- 7.7	- 10.8	+ 0.7	+ 1.4	- 1.0	-
1984 Feb	4,853	324	20	88	955	2,557	236	672
Mar	5,522	620	15	92	980	2,862	237	717
Apr	5,266	954	13	80	807	2,718	172	522
Total	15,640	1,898	47	260	2,743	8,138	645	1,911
1985 Feb	7,444	2,821	15	88	1,041	2,521	248	711
Mar	6,167	1,683	15	70	826	2,796	195	583
Apr p	4,604	422	14	64	696	2,807	136	465
Total	18,215	4,926	43	221	2,563	8,124	578	1,759
Per cent change	+ 16.5	(+)	- 8.5	- 15.0	- 6.6	- 0.2	- 10.4	- 8.0

1. Calendar Months. 2. Excludes non-energy use. 3. Public supply, railway and transport power stations. 4. Includes coastal shipping and fishing. 5. Mainly public administration, commerce and agriculture.

TABLE 15. Stocks of petroleum at end of month<sup>1</sup>

	Oil Industry		Power stations <sup>3</sup>
	Million tonnes	Estimated days supply <sup>2</sup>	Million tonnes
1984 Mar	15.3	70	1.14
Apr	16.0	70	0.78
May	16.4	73	0.84
1985 Mar p	14.2	81	1.13
Apr p	14.8	88	1.07
May p	15.6	93	0.98

1. Stocks of petroleum products plus the product equivalent of crude and process oils held at refineries and terminals. Stocks in the wholesale distribution system and those held abroad for U.K. use under approved bilateral agreements are also included. 2. Based on actual deliveries, with forecasts beyond the latest period. 3. 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 tonnes coal equiv.	Million tonnes oil equiv.	Million therms	TWh electrical energy	TWh electricity generated
Million tonnes coal equivalent	1	1.7	0.004	0.135 <sup>1</sup>	0.500 <sup>2</sup>
Million tonnes oil equivalent	0.60	1	0.00235	0.0800 <sup>1</sup>	0.280 <sup>2</sup>
Million therms	250	425	1	34.0	115
TWh electrical energy	7.35	12.5	0.0295	1	...
TWh electricity generated	2.00 <sup>3</sup>	3.60 <sup>3</sup>	0.00880 <sup>3</sup>	...	1

1. The amount of fuel (average grade) equivalent to a TWh of energy.

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

3. The amount of electricity generated by one million units of fuel shown.

The Digest of U.K. Energy Statistics 1985 gives more detailed factors.

## SUPPLEMENTARY DATA

Electricity generated by industry and transport undertakings in Great Britain<sup>1</sup>

GWh

	Total	Industry									Transport under- takings
		Total industry	Iron and steel	Engin- eering and other metal trades	Food drink and tobacco	Chemical and allied trades		Textiles, leather and clothing	Paper, printing and stationery	Other <sup>4</sup> industries	
						Nuclear <sup>2</sup> power stations	Others <sup>3</sup>				
1980	18,476	17,772	857	3,298	553	3,561	7,334	225	1,624	320	704
1981	17,926	17,235	1,025	3,145	476	3,926	6,926	217	1,245	275	691
1982	17,266	16,615	899	3,241	578	3,971	6,284	205	1,109	328	651
1983	16,959	16,313	929	3,565	489	4,152	5,661	216	973	328	647
1984	16,479	15,824	1,163	2,347	542	4,481	5,788	202	926	376	655
Per cent change	- 2.8	- 3.0	+ 25.1	- 34.2	+ 10.9	+ 7.9	+ 2.2	- 6.7	- 4.8	+ 14.5	+ 1.2
1982 4th quarter	4,609	4,444	190	816	324	1,095	1,584	52	293	90	165
1983 1st quarter	4,597	4,421	222	935	144	1,102	1,564	54	305	95	175
2nd quarter	4,005	3,848	230	836	65	929	1,416	56	241	75	157
3rd quarter	3,781	3,632	212	819	40	1,022	1,221	50	195	73	149
4th quarter	4,576	4,411	265	975	240	1,099	1,459	56	232	85	165
1984 1st quarter	4,712	4,534	282	1,151	117	1,152	1,395	58	272	106	178
2nd quarter	3,968	3,809	256	683	103	951	1,456	52	227	79	160
3rd quarter	3,715	3,563	267	336	61	1,137	1,443	45	195	79	152
4th quarter	4,084	3,919	357	177	261	1,241	1,494	46	232	111	165
1985 1st quarter p	4,608	4,434	402	703	122	1,395	1,395	45	244	128	174
Per cent change <sup>5</sup>	- 2.2	- 2.2	+ 42.6	- 38.9	+ 4.3	+ 21.1	-	- 22.4	- 10.3	+ 20.8	- 2.2

1. Excludes electricity generated by commerce, public administration, etc. 2. Generated by UKAEA and British Nuclear Fuels for the public electricity supply system. 3. Including production by the oil refining industry. 4. Including coal mining, gas and water works. 5. Per cent change on the corresponding period of the previous year.