

## 8 Energy

# 8.1 Inland energy consumption: primary fuel input basis

Million tonnes of oil equivalent

	Unadjusted <sup>5</sup>							Seasonally adjusted and temperature corrected (annual rate) <sup>6</sup>							
	Primary electricity							Primary electricity							
	Coal <sup>1</sup>	Petro-leum <sup>2</sup>	Natural gas <sup>3</sup>	Nuclear	Natural flow hydro <sup>4</sup>	Net imports	Total	Coal	Petro-leum	Natural gas	Nuclear	Natural flow hydro <sup>5</sup>	Net imports	Total	
2005	BHBB	BHBC	BHBD	BHBE	BHBF	BHBM	BHBA	BHBH	BHBI	BHBJ	BHBK	BHBL	BHBN	BHBG	
2005	42.3	77.0	95.8	18.4	0.7	0.7	234.9	43.0	77.6	99.1	18.4	0.7	0.7	239.6	
2006	46.1	77.0	91.1	17.1	0.8	0.6	232.7	47.0	78.1	92.9	17.1	0.8	0.6	236.5	
2007	43.8	75.4	92.0	14.0	0.9	0.4	226.6	44.6	76.6	95.0	14.0	0.9	0.4	231.6	
2008	41.2	74.2	94.9	11.9	1.1	0.9	224.2	41.4	74.5	95.4	11.9	1.1	0.9	225.2	
2009	35.3	71.5	87.7	15.7	1.2	0.2	211.6	35.5	71.9	88.5	15.7	1.2	0.2	213.1	
2005	Sep	2.9	6.7	5.8	1.3	–	16.8	40.9	86.1	101.6	15.8	0.7	0.4	245.5	
	Oct	3.3	6.1	7.2	1.3	0.1	18.0	42.3	75.2	101.4	17.3	0.7	0.9	237.8	
	Nov	4.4	6.9	9.5	1.4	0.1	22.3	46.0	80.3	95.4	18.5	0.7	1.0	242.1	
	Dec	5.1	6.5	10.3	1.6	0.1	23.6	45.2	77.1	91.9	17.9	0.6	1.0	233.6	
2006	Jan	4.9	6.2	10.8	1.8	0.1	23.8	49.7	72.5	90.7	19.5	0.6	0.7	233.6	
	Feb	4.5	6.2	10.0	1.5	0.1	–	22.3	48.6	79.2	88.6	18.3	0.6	0.2	235.5
	Mar	5.0	7.3	10.3	1.8	0.1	–	24.4	49.8	82.5	91.6	20.0	0.6	0.5	245.0
	Apr	3.3	6.0	7.9	1.6	0.1	0.1	19.0	44.7	72.1	92.5	19.9	0.8	1.2	231.2
	May	3.4	6.8	6.3	1.5	0.1	0.1	18.1	50.2	79.7	92.3	19.2	0.8	1.2	243.4
	Jun	3.0	6.0	5.1	1.4	–	–	15.5	46.1	76.7	92.8	16.6	0.8	0.5	233.5
	Jul	3.2	6.5	4.6	1.4	–	–	16.0	52.7	79.4	89.1	16.9	0.7	0.5	239.3
	Aug	2.9	6.4	4.9	1.5	–	0.1	15.9	45.5	77.8	91.0	18.4	0.7	0.7	234.1
	Sep	3.1	6.1	5.3	1.3	0.1	–	15.8	43.8	76.8	96.4	15.2	0.8	0.4	233.4
	Oct	3.3	6.1	7.0	1.0	0.1	0.1	17.5	42.6	79.3	97.5	13.8	0.8	0.8	234.8
	Nov	4.5	6.8	8.8	1.1	0.1	0.1	21.3	44.5	81.6	93.6	13.8	0.9	0.7	235.1
	Dec	4.6	6.6	9.9	1.2	0.1	–	22.5	42.6	79.9	94.2	13.9	1.0	0.2	231.8
2007	Jan	4.6	6.6	10.2	1.2	0.1	–	22.8	48.3	79.9	94.2	13.7	0.9	0.3	237.4
	Feb	3.6	5.5	9.7	1.1	0.1	–	20.1	41.0	73.6	96.2	13.1	0.8	0.3	225.0
	Mar	3.8	6.6	9.8	1.1	0.1	–	21.5	40.4	76.9	98.8	12.9	1.0	0.6	230.6
	Apr	2.8	6.1	7.2	1.1	0.1	–	17.3	39.6	77.3	97.5	13.6	0.8	–0.1	228.6
	May	3.2	6.8	6.7	1.1	0.1	–	17.9	48.1	81.5	95.2	13.3	0.9	0.3	239.2
	Jun	2.8	6.0	5.6	1.2	0.1	0.1	15.6	41.6	76.1	96.7	14.4	0.9	0.7	230.4
	Jul	3.1	6.4	5.1	1.4	0.1	0.1	16.1	45.2	75.8	92.8	15.7	1.0	0.8	231.4
	Aug	3.0	6.7	5.0	1.2	0.1	0.1	16.1	45.9	79.9	92.3	14.4	1.0	1.1	234.6
	Sep	3.2	6.3	5.6	1.3	0.1	0.1	16.4	43.6	75.6	92.2	14.8	0.9	0.8	228.0
	Oct	4.0	5.9	7.4	1.1	0.1	–	18.5	49.3	74.2	95.7	15.1	0.8	0.4	235.4
	Nov	4.5	6.3	9.0	1.1	0.1	–	21.0	44.5	75.1	94.2	14.2	0.8	0.4	229.1
	Dec	4.9	6.2	10.5	1.1	0.1	–	22.8	44.5	75.0	94.7	12.6	0.9	–0.1	227.7
2008	Jan	4.0	6.4	10.8	1.1	0.1	0.1	22.5	40.8	77.4	99.2	12.3	0.9	1.0	231.8
	Feb	3.6	5.9	10.2	1.1	0.1	0.1	21.0	40.3	78.3	100.0	13.0	1.1	0.8	233.6
	Mar	3.8	6.5	10.3	1.0	0.1	0.1	21.8	41.2	74.4	99.7	11.2	1.1	0.7	228.3
	Apr	3.8	6.7	8.5	0.8	0.1	0.1	19.9	53.7	78.6	97.3	9.7	1.1	0.9	241.4
	May	2.8	6.1	6.3	1.0	0.1	0.1	16.4	42.5	72.8	96.4	12.4	0.9	1.4	226.6
	Jun	2.9	5.9	5.5	1.0	0.1	0.1	15.4	42.7	74.0	94.5	11.6	1.0	1.3	225.1
	Jul	2.8	5.9	5.4	0.9	0.1	0.1	15.2	41.1	72.5	95.5	10.4	1.0	1.4	221.9
	Aug	2.3	6.2	5.4	1.0	0.1	0.1	15.0	36.5	73.4	96.1	11.6	1.1	1.3	220.0
	Sep	3.1	6.4	5.8	0.9	0.1	0.1	16.3	41.9	75.8	93.4	10.8	1.0	1.1	224.0
	Oct	3.6	6.3	7.7	1.0	0.1	–	18.8	41.7	76.6	94.1	13.1	1.1	0.6	227.2
	Nov	3.9	5.9	8.8	1.0	0.1	–	19.8	38.7	69.8	89.9	12.6	1.1	0.6	212.7
	Dec <sup>7</sup>	4.4	6.0	10.2	1.2	0.1	–	21.9	38.4	70.7	88.8	13.8	1.1	0.2	213.0
2009	Jan	4.7	6.2	10.8	1.0	0.1	–	22.8	41.5	70.3	88.1	15.3	1.1	0.1	212.5
	Feb	4.0	5.6	9.2	1.3	0.1	–	20.2	44.1	72.6	86.7	17.2	0.9	0.2	217.0
	Mar	3.5	6.5	8.5	1.5	0.1	–	20.2	38.2	74.6	84.7	17.6	1.1	0.3	218.2
	Apr	2.6	6.0	6.5	1.5	0.1	0.1	16.7	37.5	72.4	86.0	15.3	1.2	0.9	214.2
	May	2.4	5.8	5.9	1.2	0.1	0.1	15.6	35.3	69.7	85.5	16.7	1.5	1.3	208.9
	Jun	2.4	5.8	5.0	1.4	0.1	0.1	14.7	36.4	72.8	87.9	16.4	1.0	0.7	213.2
	Jul	2.2	6.0	4.9	1.4	0.1	0.1	14.7	32.9	72.7	89.2	16.2	1.3	0.7	211.8
	Aug	2.0	6.3	4.9	1.4	0.1	–	14.7	32.8	73.8	91.5	15.2	1.5	0.4	213.7
	Sep	2.3	5.5	5.5	1.2	0.1	–	14.6	32.1	67.0	90.7	15.7	1.5	–0.2	206.8
	Oct	3.0	5.9	6.9	1.1	0.1	–0.1	17.0	35.4	73.0	93.1	16.3	1.0	–0.7	215.2
	Nov	2.8	6.1	8.6	1.3	0.1	–	18.8	29.5	73.4	94.9	15.3	1.4	–0.3	213.5
	Dec	3.4	5.8	11.0	1.3	0.1	–	21.6	30.1	69.8	93.4	15.9	1.0	–0.3	210.9
2010	Jan	4.0	5.8	11.9	1.4	0.1	–0.1	23.2	34.7	64.2	93.4	15.9	0.8	–0.8	208.3
	Feb	3.6	5.5	10.4	1.2	0.1	–0.1	20.7	38.5	68.6	91.5	14.6	0.7	–0.6	213.4

1 Include solid renewable sources (wood, straw and waste), a small amount of renewable primary heat sources (solar, geothermal, etc), and net foreign trade and stock changes 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.

3 Includes gas used during production, colliery methane, landfill gas and sewage gas. Excludes gas flared or re-injected and non-energy use of gas.

4 Includes generation. Excludes generation from pumped storage stations by solar pv.

5 Not seasonally adjusted or temperature corrected.

6 Coal, petroleum and natural gas are temperature corrected.

7 Five week month

Sources: Department of Energy and Climate Change; (formerly the DTI and BERR) : 0300 068 5056

## 8.2 Supply and use of fuels<sup>1</sup>

Thousand tonnes of oil equivalent

		2008	2009	2008 Q1	2008 Q2	2008 Q3	2008 Q4	2009 Q1	2009 Q2	2009 Q3	2009 Q4
<b>Supply</b>											
Indigenous production	BHCE	176 939	167 008	47 446	44 819	38 642	46 032	45 475	43 973	35 903	41 657
Imports	DMNT	157 606	149 635	41 640	37 485	36 660	41 821	41 172	34 093	34 456	39 915
Exports	BHCH	-95 581	-89 779	-22 712	-24 795	-23 618	-24 456	-22 663	-24 356	-19 856	-22 493
Marine bunkers	DMNU	-2 733	-2 615	-622	-677	-712	-722	-546	-714	-664	-691
Stock change <sup>2</sup>	BHCI	-1 993	-3 876	2 648	-2 565	-2 261	185	1 939	-3 712	-3 418	1 305
<b>Primary supply</b>	LURA	234 238	220 373	68 400	54 266	48 711	62 860	65 325	49 047	45 854	59 692
Statistical difference <sup>3</sup>	BHCO	-201	-460	-180	-109	279	-190	-102	5	-249	350
<b>Primary demand</b>	LURB	234 439	220 833	68 580	54 376	48 433	63 050	65 427	49 042	46 103	59 342
<b>Transfers<sup>4</sup></b>	LURC	-125	-62	-31	-35	-33	-27	69	28	51	-24
<b>Transformation</b>	LURD	-51 639	-49 230	-14 242	-12 397	-11 417	-13 583	-13 834	-10 725	-10 598	-13 179
Electricity generation	LURE	-47 274	-45 605	-13 100	-11 110	-10 404	-12 661	-13 060	-10 294	-10 132	-12 075
Heat generation <sup>5</sup>	SKYM	-1 108	-1 199	-330	-255	-218	-306	-357	-275	-235	-332
Petroleum refineries	YAPL	-264	-220	-31	-199	-36	3	89	378	301	-136
Coke manufacture	YAPM	-218	-180	-45	-92	-46	-36	-44	-53	-46	-37
Blast furnaces	YAPN	-2 787	-2 025	-737	-744	-718	-589	-458	-480	-485	-602
Patent fuel manufacture	YAPO	12	-2	1	3	4	4	-3	-1	-	2
Energy industry use	YAPP	13 934	13 490	3 653	3 468	3 226	3 587	3 456	3 191	2 914	3 371
Losses	YAPQ	3 766	3 847	1 058	898	864	946	1 096	900	859	992
<b>Final consumption</b>	YAPR	164 974	154 204	49 591	37 582	32 898	44 903	47 088	34 255	31 784	41 776
Iron and steel	YAPS	1 524	1 173	404	410	382	328	299	285	297	319
Other industries	YAPT	29 092	25 261	8 253	6 824	6 406	7 609	7 640	5 583	5 603	6 436
Transport	YAPU	58 814	56 638	14 785	14 962	14 858	14 209	14 060	14 250	14 727	13 536
Domestic	YAPV	45 642	43 575	16 799	8 393	5 377	15 073	16 413	7 480	5 261	14 462
Public administration	YAPW	6 919	6 215	2 361	1 497	1 197	1 864	2 205	1 270	1 111	1 692
Commercial	YAPX	10 187	9 622	3 199	2 283	1 977	2 729	3 004	2 198	1 930	2 525
Agriculture	YAPY	918	558	341	217	151	209	203	93	76	125
Miscellaneous	YAPZ	1 797	1 615	652	396	275	473	627	269	211	456
Non energy use	BHCN	10 081	9 547	2 797	2 600	2 274	2 411	2 637	2 817	2 548	2 226

## Energy

# 8.2 Supply and use of fuels<sup>1</sup>

continued

Thousand tonnes of oil equivalent

		2008	2009	2008 Q1	2008 Q2	2008 Q3	2008 Q4	2009 Q1	2009 Q2	2009 Q3	2009 Q4
<b>Final consumption by user</b>											
<b>Iron and steel industry</b>											
Coal and other manufactured fuels <sup>6</sup>	YAQA	507	419	132	131	136	108	100	101	100	117
Petroleum products	BHTF	12	10	1	4	2	5	1	3	2	4
Natural gas <sup>7</sup>	YAQB	586	439	164	168	143	111	121	106	119	119
Electricity	BHTE	419	304	107	106	101	104	77	75	75	78
Total <sup>8</sup>	YAPS	1 524	1 173	404	410	382	328	299	285	297	319
<b>Other industries</b>											
Coal and other manufactured fuels <sup>6</sup>	YAQC	1 483	1 412	409	431	295	348	392	349	349	323
Petroleum products	BHTM	6 348	6 050	1 684	1 403	1 573	1 688	1 672	1 353	1 555	1 471
Natural gas <sup>7</sup>	YAQD	10 807	8 430	3 433	2 423	2 017	2 933	3 078	1 602	1 439	2 316
Renewables and waste <sup>9</sup>	YAQE	336	287	108	79	63	87	98	70	56	63
Electricity	BHTL	9 346	8 339	2 426	2 295	2 265	2 360	2 227	2 047	2 035	2 089
Total <sup>8</sup>	YAPT	29 092	25 261	8 253	6 824	6 406	7 609	7 640	5 583	5 603	6 436
<b>Transport</b>											
Petroleum products	BHTQ	57 268	54 906	14 499	14 583	14 420	13 766	13 668	13 833	14 270	13 070
Renewables and waste	JJ26	821	1 008	104	197	258	261	211	236	277	284
Electricity	BHTP	725	724	182	181	180	182	181	181	181	182
Total <sup>8</sup>	YAPU	58 814	56 638	14 785	14 962	14 858	14 209	14 060	14 250	14 727	13 536
<b>Domestic</b>											
Coal and other manufactured fuels <sup>6</sup>	YAQF	754	716	191	176	177	210	202	161	177	175
Petroleum products	BHTW	3 033	3 012	1 006	616	391	1 020	1 039	528	497	980
Natural gas <sup>7</sup>	YAQG	31 239	29 562	12 407	5 309	2 688	10 834	12 076	4 601	2 501	10 375
Renewables and waste <sup>9</sup>	YAQH	430	425	161	82	45	142	156	78	45	147
Electricity	BHTV	10 132	9 809	3 014	2 201	2 070	2 848	2 919	2 104	2 036	2 766
Total <sup>8</sup>	YAPV	45 642	43 575	16 799	8 393	5 377	15 073	16 413	7 480	5 261	14 462
<b>Other final users<sup>10</sup></b>											
Coal and other manufactured fuels <sup>6</sup>	YAQI	13	42	3	3	3	4	6	4	21	10
Petroleum products	BHNC	1 421	1 166	412	382	255	372	387	329	235	216
Natural gas <sup>7</sup>	YAQJ	9 069	8 126	3 509	1 853	1 277	2 430	3 224	1 513	1 160	2 231
Renewables and waste <sup>9</sup>	YAQK	185	146	64	37	21	63	50	31	17	51
Electricity	BHNB	8 747	8 143	2 415	2 056	2 007	2 269	2 223	1 890	1 881	2 154
Total <sup>8</sup>	BHND	19 820	18 009	6 552	4 393	3 600	5 275	6 039	3 826	3 346	4 799
<b>Total final users</b>	<b>BHNE</b>	<b>154 892</b>	<b>144 656</b>	<b>46 794</b>	<b>34 982</b>	<b>30 624</b>	<b>42 492</b>	<b>44 451</b>	<b>31 438</b>	<b>29 237</b>	<b>39 551</b>

1 Layout comparable with annual balances published in Table 1.1 of DUKES 2006.

2 Stock fall (+), stock rise (-).

3 Primary supply minus primary demand.

4 Annual transfers should ideally be zero. For manufactured fuels differences occur in the rescreening of coke to breeze. For oil and petroleum products differences arise due to small variations in the calorific values used.

5 Generation of heat for sale under the provision of a contract.

6 Includes all manufactured solid fuels, benzole, tars, coke oven gas and blast furnace gas.

7 Includes colliery methane.

8 Includes heat sold.

9 Includes geothermal and solar heat. Latest quarter is estimated from the previous year and adjusted according to average annual rate of change over the last three years.

10 Includes public administration, commercial, agriculture and miscellaneous use.

Sources: Department of Energy and Climate Change;  
(formerly the DTI and BERR) : 0300 068 5056

## 8.3 Coal supply

Thousand tonnes

	Production			Net imports	Imports <sup>2</sup>	Exports
	Deep-mined	Opencast	Total <sup>1</sup>			
	BHDC	BHDD	BHDB	BHDE	BHDF	BHDG
2006	9 444	8 635	18 517	50 085	50 529	443
2007	7 674	8 866	17 007	42 821	43 365	544
2008	8 096	9 509	18 053	43 276	43 875	599
2009	7 520	9 854	17 874	37 716	38 224	507
2008 Sep	656	1 004	1 705	3 850	3 895	45
Oct	552	789	1 381	4 187	4 241	53
Nov	760	890	1 684	3 652	3 693	41
Dec	1 037	1 025	2 091	4 174	4 234	60
2009 Jan	475	620	1 128	4 341	4 379	38
Feb	483	813	1 340	4 355	4 386	31
Mar	661	923	1 633	3 673	3 763	90
Apr	741	732	1 511	3 405	3 439	33
May	747	846	1 636	3 429	3 466	36
Jun	693	910	1 652	2 253	2 788	28
Jul	685	897	1 625	2 687	2 725	38
Aug	718	815	1 572	2 607	2 639	32
Sep	617	820	1 486	2 708	2 741	33
Oct	647	863	1 554	2 415	2 463	47
Nov	586	808	1 433	2 316	2 369	53
Dec	466	806	1 303	3 019	3 066	47
2010 Jan	305	530	866	2 841	2 878	38
Feb	343	797	1 179	2 492	2 522	30

1 Includes an estimate for slurry.

2 Figures are as recorded in the Overseas Trade Statistics of the United Kingdom (OTS) except that import and export figures for recent months are estimated on the basis of information available for the extra-EC trade until monthly statistics for Intra-EC trade become available from HM Revenue and Customs.

Sources: Department of Energy and Climate Change; (formerly the DTI and BERR) : 0300 068 5056

## 8.4 Inland use and stocks of coal<sup>1</sup>

Thousand tonnes

	Consumption					Stocks at end of period				
	Electricity generators	Coke ovens and blast furnaces	Other conversion industries <sup>2</sup>	Industry	Other <sup>3,4,5</sup>	Total inland consumption	Electricity generators <sup>6</sup>	Coke ovens	Other <sup>7</sup>	Total Stocks
	BHEC	JW85	BHEE	BHEF	JW86	BHEA	JW87	BHED	JW88	BHEJ
2007	52 515	7 175	245	1 862	1 135	62 931	11 179	1 494	1 542	14 215
2008	47 801	7 045	317	1 871	1 176	58 212	14 863	1 066	2 442	18 371
2009	39 703	5 787	335	1 817	1 186	48 821	21 770	810	1 792	24 373
2009 Feb	5 014	418	32	163	109	5 735	13 490	1 548	1 193	16 231
Mar	4 052	470	33	218	112	4 884	13 500	1 326	1 821	16 647
Apr	2 748	470	25	180	82	3 504	15 483	1 178	1 390	18 051
May	2 540	493	29	135	78	3 274	17 564	929	1 374	19 867
Jun	2 551	456	26	135	103	3 270	18 360	874	1 766	21 001
Jul	2 202	478	28	154	96	2 958	19 769	933	1 623	22 326
Aug	1 901	479	23	148	75	2 626	21 702	618	1 566	23 886
Sep	2 282	490	25	146	124	3 066	22 863	617	1 536	25 016
Oct	3 376	503	33	147	95	4 153	22 513	581	1 742	24 836
Nov	3 049	513	28	136	87	3 812	22 295	770	1 727	24 792
Dec	3 925	535	25	123	118	4 726	21 770	810	1 792	24 373
2010 Jan	4 937	538 <sup>†</sup>	24	120	141 <sup>†</sup>	5 743	19 618 <sup>†</sup>	902	2 167 <sup>†</sup>	22 638
Feb	4 310	482	31	116	136	5 075	18 429	726	2 119	21 274

1 2008 is 4 days longer than the standard 52 week statistical reporting period (SRP) for January to December 2008. This is to enable a smooth transition to publishing data on a calendar month basis from January 2009 rather than 4 and 5 week SRP's used for previous years.

2 Low temperature carbonisation and patent fuel plants.

3 Includes estimates of imports.

4 Includes heat generation (generation of heat for sale under the provision of a contract data are not available before 1999), collieries, domestic, public administration, commerce and agriculture.

5 Heat generation is based on an annual figure and is then split over a 12 monthly period. The 2009 heat generation will not be published until the end of July 2010. Therefore, the 2008 figure is used as an estimate for 2009.

6 Includes stocks held at ports.

7 Includes undistributed stocks.

Sources: Department of Energy and Climate Change; (formerly the DTI and BERR) : 0300 068 5056

## 8.5 Natural gas production and supply

	Gigawatt hours											Percentage of net gas available for consumption in the UK	
	Upstream gas industry					Downstream gas industry					Indigenous	Imported	
	Less			Plus		Gas available at terminals <sup>4</sup>	Gas input into transmission system <sup>5</sup>	Less		Gas output from transmission system <sup>6</sup>			
	Gross gas production <sup>1</sup>	Producers own use <sup>2</sup>	Exports <sup>3</sup>	Imports	Operators own use			Stock changes	Metering differences				
	BAWX	DMUE	BAWY	BAWZ	BAXA	DMUG	DMUH	DMUI	DMUJ	BAXD	BAXB	BAXC	
2007	838 092	64 230	123 158	338 027	988 732	988 686	4 698	-5 480	4 472	984 996	65.8	34.2	
2008	809 649	61 292	122 670	407 054	1 032 742	1 032 529	4 265	3 087	5 799	1 019 418	60.6	39.4	
2009	693 581	60 905	137 108	455 789	951 358	952 546	2 810	4 876	9 111	935 749	52.1	47.9	
2009 Feb	62 854	4 910	8 981	45 318	94 281	94 364	467	-6 199	624	99 472	51.9	48.1	
Mar	63 250	5 512	10 266	48 825	96 296	96 412	379	3 482	595	91 956	49.3	50.7	
Apr	62 870	5 267	15 595	35 503	77 511	77 616	274	7 996	654	68 692	54.2	45.8	
May	63 730	5 573	15 675	28 159	70 642	70 760	249	8 347	700	61 464	60.1	39.9	
Jun	57 254	5 186	14 221	19 480	57 327	57 450	79	5 804	639	50 928	66.0	34.0	
Jul	50 846	4 978	10 218	20 254	55 904	55 950	77	4 932	629	50 312	63.8	36.2	
Aug	38 013	4 035	7 912	28 816	54 883	54 928	65	2 873	657	51 333	47.5	52.5	
Sep	44 177	4 392	9 319	29 510	59 976	60 089	83	958	623	58 425	50.8	49.2	
Oct	55 955	4 570	12 361	36 986	76 009	76 250	77	1 717	945	73 511	51.3	48.7	
Nov	56 489	4 742	9 643	51 755	93 858	93 669	180	74	1 019	92 396	44.9	55.1	
Dec	62 118	5 434	8 326	64 907	113 265	113 334	323	-7 895	1 023	119 883	42.7	57.3	
2010 Jan	61 232	5 499	9 289	68 155	114 598	114 717	558	-17 212	906	130 465	40.5	59.5	
Feb	57 489	5 026	7 232	57 220	102 452	102 602	411	-12 260	1 361	113 090	44.1	55.9	

1 Includes waste and own use but excludes gas flared.

2 Gas used for drilling, production and pumping operations.

3 Includes exports direct from the UKCS as well as others carried out by the downstream gas industry from the national transmission system.

4 Gas available at terminals for consumption in the UK as recorded by the terminal operators.

5 Gas input into inland transmission systems. It includes public gas supply, direct supply by North Sea producers, third party supplies, and stock

changes. Figures differ from gas available for consumption in the UK mainly because of additional stock changes at local distribution zones. The figures also differ from total consumption (expressed in oil equivalent in Table 8.1) because they exclude producers' and operators' own use and losses.

6 Including public gas supply, direct supplies by North Sea producers, third party supplies and stock changes.

Sources: Department of Energy and Climate Change; (formerly the DTI and BERR) : 0300 068 5056

## 8.6 Fuel used by and electricity production and availability from the electricity supply industry<sup>1</sup>

	Million tonnes of oil equivalent							Terawatt hours							Total electricity available <sup>7,8</sup>
	Fuel used				Electricity generated	Electricity supplied by type of plant									
	Coal <sup>2</sup>	Gas <sup>2</sup>	Nuclear electricity	Hydro-electricity		Wind <sup>9</sup>	Total <sup>3</sup>	Own use <sup>4</sup>	Conventional Thermal <sup>5</sup>	Combined Cycle Gas Turbine	Nuclear	Wind <sup>9</sup>	Other <sup>6</sup>	Total	
					FTAJ										
2006	35.00	23.92	17.13	0.32	..	78.10	361.86	22.58	151.16	116.40	69.24	..	2.64	339.28	356.91
2007	31.93	27.50	14.04	0.36	0.33	75.53	361.41	21.17	138.97	137.56	57.25	3.57	2.15	340.24	354.46
2008	28.94	29.59	11.91	0.37	0.46	72.38	355.26	20.01	123.07	156.22	47.68	5.36	2.37	335.25	356.40
2009	23.94	27.94	15.70	0.36	0.56	70.25	340.34	19.49	99.23	148.00	62.85	6.48	2.85	320.84	334.45
2009 Jan	3.72	2.17	1.02	0.04	0.06	7.24	34.65	2.02	15.73	11.64	4.07	0.70	0.30	32.63	33.67
Feb	3.06	1.87	1.31	0.03	0.04	6.50	30.57	1.89	12.56	10.11	5.22	0.46	0.28	28.68	29.72
Mar	2.44	2.18	1.54	0.04	0.05	6.42	30.86	1.83	10.04	11.72	6.15	0.61	0.30	29.03	30.17
Apr	1.65	2.13	1.46	0.03	0.04	5.42	26.14	1.47	6.58	11.43	5.86	0.44	0.22	24.67	26.41
May	1.52	2.24	1.23	0.02	0.05	5.18	25.43	1.45	6.20	12.00	4.91	0.57	0.22	23.98	26.06
Jun	1.52	2.08	1.43	0.01	0.03	5.17	24.42	1.51	6.24	10.49	5.71	0.34	0.18	22.91	24.46
Jul	1.33	2.38	1.43	0.01	0.04	5.31	26.20	1.52	5.48	12.83	5.72	0.49	0.21	24.68	26.16
Aug	1.14	2.41	1.38	0.03	0.04	5.11	25.38	1.44	4.78	12.78	5.53	0.52	0.21	23.94	25.09
Sep	1.36	2.49	1.21	0.04	0.04	5.26	26.01	1.47	5.71	13.11	4.85	0.50	0.17	24.55	25.13
Oct	2.03	2.55	1.13	0.03	0.04	5.93	28.19	1.53	8.43	12.89	4.52	0.46	0.18	26.66	26.95
Nov	1.82	2.65	1.26	0.05	0.07	6.05	30.00	1.59	7.71	14.23	5.06	0.80	0.29	28.40	29.11
Dec	2.35	2.76	1.31	0.03	0.05	6.65	32.50	1.77	9.76	14.76	5.23	0.57	0.28	30.73	31.51
2010 Jan	2.99	2.52	1.44	0.02	0.05	7.20	34.54	1.97	12.51	13.47	5.77	0.61	0.28	32.58	33.15
Feb	2.60	2.34	1.25	0.01	0.03	6.36	30.63	1.71	10.83	12.60	4.99	0.35	0.26	28.93	29.52

1 Fuel used and electricity generated by major power producers(AES Electric Baglan Generation, Barking Power, BNFL British Nuclear Group, British Energy, Centrica Energy, Coolkeeragh ESB, Corby Power, Coryton Energy, Derwent Cogeneration, Drax Power, EDF Energy, E.ON UK, Fibrogen, Fibropower, Fibrothetford, First Hydro, Immingham CHP, International Power, Premier Power, RGS Energy, Rocksavage Power, RWE Npower, Scottish Power, Scottish and Southern Energy, Seabank Power, SELCHP, Spalding Energy, Teesside Power, Uskmouth Power, Western Power) and electricity available through the grid in England and Wales and from distribution companies in Scotland and N.I.

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 and Orimulsion.

4 Including refuse-derived fuel, natural gas and sour gas .

5 Used in works and for pumping at pumped storage stations.

6 Coal Oil (including Orimulsion) and mixed or dual-fired (including gas).

7 Including gas turbine, diesel, and hydro-electric plant.

8 Including net imports and purchases from outside sources, mainly UKAEA and British Nuclear Fuels plc and net of supplies direct from generators to final consumers.

9 From September 2008 (with data from January 2007), major power producers also include major wind farm companies(Airtricity; Cumbria Wind Farms; Fred Olsen; HG Capital; Kentish Flats; RES Generation). Generation from wind by major producers listed in note 1 above is also included from these dates.

Sources: Department of Energy and Climate Change; (formerly the DTI and BERR) : 0300 068 5056

## 8.7 Sales by the gas and public electricity supply systems

	Gas: Gigawatt hours							Electricity: Terawatt hours			
	Electricity generators <sup>1</sup>	Heat generation	Iron and steel industry	Other industries	Domestic	Other <sup>2</sup>	Total	Industrial <sup>3</sup>	Domestic	Other <sup>4</sup>	Total
	BBKF	WSFM	BBKG	BBKH	BBKI	BBKJ	BBKK	FTAE	FTAG	FTAH	FTAI
2005	328 371	22 488	8 469	142 867	384 009	107 491	993 696	105.88	116.81	106.37	329.08
2006	308 910	22 023	8 407	137 281	365 850	103 174	945 644	105.42	116.45	106.42	328.29
2007	352 151	21 909	7 311	127 909	352 943	99 730	991 953	105.76	115.05	106.23	327.05
2008	373 580	23 161	6 818	125 649	363 314	105 474	997 995	102.94	117.84	107.16	327.93
2009	348 788	23 161	5 105	98 012	343 809	94 502	913 377	91.07	114.08	100.11	305.26
2005 Q4	77 245	6 282	1 989	38 765	126 458	31 850	282 589	27.16	33.27	28.30	88.73
2006 Q1	66 793	7 034	2 162	55 807	157 999	40 365	330 160	28.03	34.99	28.75	91.77
Q2	73 941	4 945	2 232	26 462	67 051	22 152	196 782	25.32	25.66	25.14	76.12
Q3	79 881	4 058	2 028	19 934	28 698	12 914	147 512	25.82	23.34	25.03	74.19
Q4	88 295	5 986	1 985	35 078	112 102	27 743	271 190	26.25	32.46	27.50	86.21
2007 Q1	92 611	6 641	1 958	42 057	137 102	36 101	316 470	26.55	33.03	28.46	88.04
Q2	93 718	4 698	1 814	25 487	56 001	18 790	200 509	26.03	24.91	25.17	76.11
Q3	79 670	4 165	1 698	23 699	33 990	16 490	159 712	25.84	23.72	24.83	74.40
Q4	86 152	6 405	1 841	36 666	125 848	28 349	285 261	27.33	33.39	27.77	88.50
2008 Q1	100 908	7 027	1 903	39 921	144 299	40 811	334 869	26.55	35.05	29.40	90.99
Q2	91 524	5 127	1 956	28 170	61 747	21 546	210 070	25.46	25.60	25.36	76.42
Q3	93 861	4 405	1 668	23 454	31 265	14 853	169 505	25.05	24.07	24.69	73.82
Q4	87 287	6 603	1 291	34 104	126 004	28 263	283 552	25.88	33.12	27.71	86.70
2009 Q1	79 956	7 027	1 221	35 791	140 446	37 493	301 934	23.89	33.95	27.17	85.00
Q2	80 026	5 127	1 159	18 607	53 511	17 615	176 045	..	..	..	..
Q3	90 320	4 405	1 338	16 688	29 187	13 446	155 383	..	..	..	..
Q4	98 486	6 603	1 387	26 925	120 665	25 949	280 015	..	..	..	..

1 Power stations belonging to major generating companies, industrial establishments and transport undertakings generating 1 gigawatt or more a year. 2 Public administration, commerce and agriculture. 3 Manufacturing industry, construction, energy and water supply industries 4 Commercial premises, public administration, transport and agriculture.

Sources: Department of Energy and Climate Change; (formerly the DTI and BERR) : 0300 068 5056

## 8.8 Indigenous production, refinery receipts, arrivals and shipments of oil<sup>1</sup>

	Million tonnes			Thousand tonnes									
	Indigenous production			Refinery receipts			Foreign trade <sup>2</sup>						
	Crude oil	NGLs	Total <sup>3</sup>	Total receipts <sup>4</sup>	Indigenous <sup>5</sup>	Net imports/exports <sup>6</sup>	Crude oil and NGLs		Process oils		Petroleum products		
							Imports	Exports	Imports	Exports	Imports	Exports	Bunkers
	BHMB	BHML	BHMA	G8GZ	BHMC	G8H2	BHMF	BHMG	BHMM	BHMH	BHMI	BHMJ	BHMK
2005	77.2	7.5	84.7	85 810	26 925	-2 423	52 210	52 107	6 675	1 992	22 512	29 722	2 055
2006	69.7	6.9	76.6	84 649	25 206	7 067	51 446	47 551	7 997	2 643	26 828	29 009	2 348
2007	70.4	6.2	76.6	83 893	26 537	1 433	50 151	47 713	7 206	3 287	25 093	30 017	2 371
2008	65.5	6.2	71.7	83 701	23 627	6 770	52 115	44 543	7 959	3 867	23 916	28 811	2 594
2009	62.6	5.4	68.0	79 037	24 663	6 773	47 722	41 466	6 683	3 399	22 988	25 754	2 480
2008 Dec	5.7	0.5	6.2	6 946	1 709	526	4 700	3 903	537	258	1 928	2 478	234
2009 Jan	5.7	0.5	6.2	7 518	2 721	392	4 117	3 510	679	253	1 744	2 381	182
Feb	5.2	0.5	5.7	6 362	2 439	191	3 411	3 132	512	217	1 816	2 225	175
Mar	5.8	0.5	6.3	6 887	2 431	671	3 906	3 814	549	266	2 310	2 020	162
Apr	5.7	0.5	6.2	5 873	1 645	-99	3 621	4 067	607	201	1 845	1 915	224
May	5.6	0.5	6.1	6 221	1 790	-276	3 975	4 492	456	190	1 901	1 931	238
Jun	5.3	0.5	5.7	6 646	2 127	281	3 957	3 482	562	206	1 551	2 181	214
Jul	5.4	0.4	5.8	6 912	1 843	1 219	4 492	3 482	577	228	1 966	2 190	231
Aug	4.0	0.3	4.3	7 079	2 251	1 918	4 044	2 189	783	408	1 775	2 110	204
Sep	4.4	0.4	4.7	6 248	1 622	1 000	4 063	3 073	563	225	1 777	2 170	194
Oct	5.1	0.4	5.5	6 241	1 890	1 012	3 990	3 329	360	336	2 408	2 080	218
Nov	5.3	0.4	5.8	6 422	1 824	636	4 122	3 421	476	395	2 008	2 026	232
Dec	5.2	0.5	5.7	6 630	2 049	-170	4 024	3 473	557	475	1 580	2 384	206
2010 Jan	5.4	0.5	5.9	6 764	3 030	329	3 313	3 365	421	294	2 402	2 148	152
Feb	4.6	0.5	5.1	5 853	1 233	1 049	4 214	3 428	405	149	1 962	1 955	129

1 The term indigenous is used in this table for convenience to include oil from the UK Continental Shelf as well as the small amounts produced on the mainland. 2 Foreign trade as recorded by the petroleum industry and may differ from figures published in the *Overseas Trade Statistics*. 3 Crude oil plus condensates and petroleum gases derived at onshore treatment plants. 4 Crude oil, natural gas liquids (NGLs) and process oils (i.e. partly refined oils). 5 Crude oil plus NGLs. 6 Net imports (+) or net exports (-) of oil and oil products.

Sources: Department of Energy and Climate Change; (formerly the DTI and BERR) : 0300 068 5056

# 8.9 Deliveries of petroleum products for inland consumption

Thousand tonnes

					Kerosene		Gas/diesel oil				Lubricating oils	Total <sup>4</sup>
	Butane and propane <sup>1</sup>	Other Petroleum Gases <sup>2,6</sup>	Naphtha (LDF) <sup>6</sup>	Motor Spirit <sup>6</sup>	Aviation turbine fuel	Burning Oil <sup>6</sup>	Derv fuel	Other <sup>5,6</sup>	Fuel oil <sup>3</sup>	Bitumen		
	BHOB	G8GX	G8GY	BHOD	BHOE	BHOG	BHOI	BHOJ	BHOK	BHOL	BHOM	BHOA
2003	3 019	2 114	2 332	19 919	10 764	3 567	17 712	6 326	1 540	1 959	868	71 698
2004	3 115	1 918	2 029	19 484	11 637	3 948	18 514	6 023	2 064	1 991	914	73 642
2005	3 314	2 021	1 916	18 732	12 497	3 869	19 436	6 793	1 965	1 906	750	75 133
2006	3 127	1 920	2 278	18 144	12 641	4 016	20 146	6 561	2 151	1 610	713	75 110
2007	2 853	1 815	1 948	17 594	12 574	3 630	21 065	6 109	2 209	1 563	672	73 281
2008	3 294	1 801	848	16 678	12 142	3 693	20 613	5 967	2 439	1 741	510	71 420
2009	3 197	1 507	1 027	15 955	12 083	3 731	20 088	5 134	1 745	1 368	507	68 031
2006 Oct	138	173	250	1 648	1 170	340	1 776	515	137	136	65	6 479
Nov	248	164	142	1 549	971	402	1 800	559	136	124	49	6 293
Dec	132	161	171	1 535	949	422	1 486	516	116	108	56	5 816
2007 Jan	330	202	140	1 411	977	443	1 697	407	257	74	44	6 083
Feb	240	150	122	1 367	869	426	1 595	437	311	117	55	5 796
Mar	318	171	83	1 559	927	359	1 856	540	89	137	51	6 251
Apr	201	168	70	1 574	979	253	1 747	564	267	116	75	6 131
May	207	182	1	1 475	1 106	215	1 819	486	77	128	111	5 943
Jun	255	146	53	1 401	1 170	206	1 703	561	146	142	60	5 928
Jul	243	142	12	1 523	1 221	175	1 736	517	93	152	57	5 972
Aug	240	112	86	1 508	1 272	179	1 828	509	185	163	52	6 254
Sep	192	79	98	1 441	1 059	227	1 877	558	164	147	52	5 984
Oct	263	150	112	1 450	1 109	375	1 704	494	170	200	43	6 211
Nov	266	158	125	1 440	1 004	332	1 841	539	228	111	38	6 173
Dec	229	155	104	1 442	926	441	1 637	499	222	85	32	5 857
2008 Jan	319	168	83	1 403	1 080	405	1 802	541	190	95	43	6 294
Feb	342	147	86	1 345	807	390	1 779	517	199	137	52	5 873
Mar	346	165	105	1 452	1 050	391	1 787	554	223	168	46	6 441
Apr	308	155	73	1 395	1 008	371	1 755	557	184	163	51	6 120
May	255	156	64	1 440	1 026	201	1 782	430	259	160	54	6 011
Jun	310	162	41	1 374	1 043	178	1 697	474	164	161	56	5 771
Jul	279	165	44	1 371	1 239	137	1 670	502	181	156	47	5 937
Aug	221	81	57	1 381	1 107	130	1 638	456	133	159	38	5 518
Sep	247	121	41	1 358	1 050	230	1 719	544	196	161	37	5 818
Oct	237	156	78	1 430	1 011	359	1 790	474	243	165	33	6 223
Nov	217	149	70	1 369	865	402	1 713	473	253	147	27	5 797
Dec	212	176	106	1 358	856	498	1 480	446	215	67	26	5 615
2009 Jan	264	148	95	1 324	932	477	1 693	479	137	92	25	5 814
Feb	247	132	101	1 199	887	442	1 568	418	209	88	58	5 446
Mar	269	159	108	1 405	1 020	388	1 815	480	228	123	48	6 228
Apr	286	127	84	1 384	1 101	274	1 566	399	142	136	43	5 611
May	301	126	107	1 391	1 068	242	1 690	395	136	113	38	5 747
Jun	280	133	44	1 358	970	150	1 676	428	164	151	43	5 565
Jul	311	125	50	1 407	1 116	132	1 768	429	131	124	53	5 838
Aug	258	93	87	1 370	1 111	181	1 771	475	113	135	47	5 748
Sep	213	98	106	1 317	1 044	273	1 588	512	133	115	49	5 665
Oct	278	120	101	1 313	1 032	322	1 723	402	137	111	41	5 736
Nov	230	119	86	1 334	888	320	1 728	359	102	106	31	5 397
Dec	259	128	111	1 153	910	529	1 464	358	112	73	30	5 236
2010 Jan	236	102	122	1 239	892	488	5 560	412	160	60	21	5 560
Feb	177	109	96	1 158	735	504	1 639	416	98	104	27	5 179

\*Note - Revisions due to the recent publication of the Digest of UK Energy Statistics 2008, which includes revisions to data back to 2005.

1 Including amounts for petro-chemicals.

2 Ethane and other petroleum gases (OPG)

3 Excluding Orimulsion and refinery fuel.

4 Including other petroleum gases, aviation spirit, wide-cut gasoline, industrial and white spirits, petroleum wax, non-domestic standard burning oil and miscellaneous products, but excluding refinery fuel.

5 Includes gas, oil, marine diesel oil and middle distillate feedstock.

6 There have been some modest changes made to this table following the review announced by DTI in the June 2006 edition of *Energy Trends*. The review was aimed to improve data coherency and coverage between the different quarterly and monthly tables. Other petroleum gases are now shown. Middle distillate feedstock is now included with other gas/diesel oil rather than previously being combined with naphtha. Unleaded motor spirit and premier burning oil have been discontinued.

Sources: Department of Energy and Climate Change; (formerly the DTI and BERR) : 0300 068 5056