


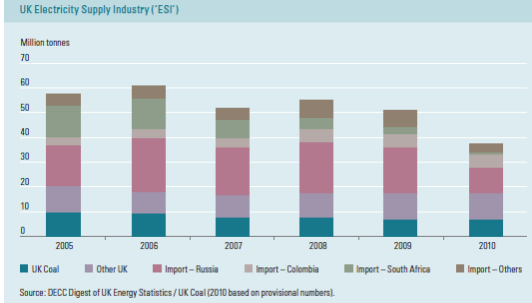


	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Coal extraction data													
2	Richard Heede													
3	<i>Climate Mitigation Services</i>													
4	File started: 11 January 2005													
5	Last modified: August 2011													
6														
7														
8														
9	UK Coal, UK										yellow column indicates original reported units			
10	www.ukcoal.com					Doncaster								
11	Production / Extraction data													
12	Year	Thermal Coal		Thermal Coal		Total Coal								
13		Gross production	Gross production	Gross production	Gross production	Gross production	Gross production							
14		Million tonnes/yr	Million tonnes/yr	Million tons/yr	Million tonnes/yr	Million tons/yr	Million tonnes/yr							
15		RJB Mining	RJB Mining	UK Coal	UK Coal									
16														
17	1950	<div style="display: flex; justify-content: space-around;">   </div> <p style="text-align: center;">UK's electricity generation from coal, UK Coal and other sources. 28 percent of UK gen is coal.</p>  <p style="text-align: center;">Source: DECC Digest of UK Energy Statistics / UK Coal (2010 based on provisional numbers).</p> <p style="text-align: center;">UK Coal Annual Report 2010</p>												
18	1951													
19	1952													
20	1953													
21	1954													
22	1955													
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49	1982													
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51	1984													
52	1985													
53	1986													
54	1987													
55	1988													
56	1989													
57	1990	RJB Mining acquired ~half of the production assets of British Coal, defunct as of ~1995												
58	1991													
59	1992	RJB Mining		RJB Mining										
60	1993	Underground	Opencast											
61	1994	million tonnes	million tonnes											
62	1995	29.9	7.2											
63	1996	27.7	7.2											
64	1997	25.3	6.5											
65	1998	19.8	5.8											
66	1999													
67	2000													
68	2001													
69	2002													
70	2003													
71	2004													
72	2005													
73	2006													
74	2007													
75	2008													
76	2009													
77	2010													
78														
79	Total													
80														
81														
82	Coal Types:	Lignite:	0.00%	Bituminous	100.00%	Metallurg./Anthrac.	0.00%	100.00%						
83														

UK Coal

Cell: F9

Comment: Rick Heede:

The predecessor company was founded by Richard J. Budge in 1974 as RJB Mining. In 1994, following the privatisation of the UK mining industry, it grew fivefold with the acquisition of British Coal's core activities. It changed its name to UK Coal in 2001 after the retirement of its founder, having acquired UK Coal plc. UK Coal is the biggest producer of coal in the UK and produces about half of all domestic coal or around 6% of the domestic energy need for power generation. The Company operates two deep mines located in Central and Northern England (from Nottinghamshire to North Yorkshire), at Kellingley, Thoresby and six surface mines. One deep mine, the Welbeck colliery, in Nottinghamshire closed in 2011 after continuous production since 1912. Another deep mine, Daw Mill closed in 2013 after an underground fire damaged much of the facilities. Source: Wikipedia. No company history at ukcoal.com.

Cell: D11

Comment: Rick Heede:

Coal production by coal mining companies and state-owned enterprises, including subsidiaries of oil and gas companies.

Coal types produced are not ordinarily reported by coal operators (except for metallurgical coal). We distinguish, where possible and reasonably well known, between hard (bituminous and subbituminous) and soft (lignite or peat) coals, especially for the larger companies operating in regions such as Australia and India where soft coals are predominant. Soft coals have lower carbon content per tonne than do hard coals.

Cell: D62

Comment: Rick Heede:

RJB Mining plc annual report and accounts for 1996, 1997, and 1998.

Cell: H66

Comment: Rick Heede:

Coal production data from UK Coal (various) annual report; posted at www.ukcoal.com; earliest posted is their year 2000 report, with data for 1999 and 2000 (RJB Mining PLC Annual Report and Accounts).

Cell: J66

Comment: Rick Heede:

Known as RJB Mining prior to 1999.

Cell: G67

Comment: Rick Heede:

UK Coal group acquired an interest in CIM of Australia, and reported 2.0 million tonnes in 2000 and 2.7 Mt in 2002. This production is included in UK Coal, column H.

Cell: H71

Comment: Rick Heede:

UK Coal Annual Rpt 2008, page 11, production "excluding Maltby," million tonnes. 2003-2007 data from column chart on page 16 (also shows other UK coal production, imports from Russia, Colombia, South Africa, and others. Disposition (page 18): 92.5% electricity, 3.8% industrial, 2.5% domestic, and 1.2 percent other. No information on coal rank, except chiefly deep underground mines, thus (presumably bituminous coal).

Cell: D75

Comment: Rick Heede:

UK Coal Annual Rpt 2008, page 21: "ELECTRICITY GENERATION FROM METHANE From a safety standpoint we need to extract methane from operating mines. Its use as a fuel source both contributes to our operations providing an economic fuel source and reduces the impact on the environment of venting methane, a greenhouse gas with approximately 21 times the environmental impact of CO₂. Our methane based electricity generation operations are now treated as part of our deep mine operations. In 2008, we generated 165,834 MWh of electricity (down 9% compared to 2007) from 29 MW of installed capacity from methane extracted at both operating mines and former mine workings effectively self supplying over 60% of our deep mine electricity requirements. Profitability in the year was reduced to £1.3 million (2007: £4.3 million) due to lower gas production from the operating mine sites and the requirement to purchase EU Emissions Trading Credits for our Stillingfleet operation. Generation from our two non-operating mine sites was better than expected with Stillingfleet utilisation being above 95%."

Note: no information on methane not captured, or previous fugitive emissions.

Cell: H76

Comment: Rick Heede:

In 2010, 5.8 million tonnes from deep mines + 1.4 million tonnes from surface mines. AR 2010, pages 15 and 12.