

## 5.11 Power Stations in the United Kingdom (operational at the end of May 2004)<sup>(1)</sup>

Company Name	Station Name	Fuel	Installed Capacity (MW)	Year of Commission or year generation began
AES	Kilroot	coal/oil	520	1981
	Indian Queens	gas oil/kerosene	140	1996
AES Fifoots Point Ltd	Fifoots Point (2)	coal	393	2000
American Electric Power	Ferrybridge C	coal	1,955	1966
	Fiddler's Ferry	coal	1,961	1971
	Ferrybridge GT	gas oil	34	1966
	Fiddler's Ferry GT	gas oil	34	1969
Alcan	Lynemouth	coal	420	1995
	Fort William	hydro	62	1929
	Kinlochleven	hydro	30	1907
Baglan Generation Ltd	Baglan Bay	CCGT	575	2002
Barking Power	Barking	CCGT	1,000	1994
British Energy	Dungeness B	nuclear	1,110	1985
	Hartlepool	nuclear	1,210	1989
	Heysham1	nuclear	1,150	1989
	Heysham 2	nuclear	1,250	1989
	Hinkley Point B	nuclear	1,220	1976
	Sizewell B	nuclear	1,188	1995
	Hunterston B	nuclear	1,190	1976
	Torness	nuclear	1,250	1988
	Eggborough	coal	1,960	1967
	Bridgewater District Energy	gas	10	2000
	Solutia District Energy	gas	10	2000
	Sevington District Energy	gas	10	2000
	BNFL British Nuclear Group	Chapelcross	nuclear	196
Dungeness A		nuclear	450	1965
Oldbury		nuclear	434	1967
Sizewell A		nuclear	420	1966
Wylfa		nuclear	980	1971
Maentwrog		hydro	20	1928
Calpine Corporation	Saltend	CCGT	1,200	2000
Centrica	Barry	CCGT	250	1998
	Kings Lynn	CCGT	340	1996
	Peterborough	CCGT	380	1993
	Roosecote	CCGT	229	1991
Citigen (London) Ltd	Charterhouse St, London	gas/gas oil	31	1995
Coolkeeragh Power	Coolkeeragh	oil	120	1959
Corby Power	Corby	CCGT	401	1993
Coryton Energy Company Ltd	Coryton	CCGT	753	2001
Damhead Creek Limited (3)	Damhead Creek	CCGT	792	2000
Derwent Cogeneration	Derwent	CHP	236	1994
Drax Power Ltd	Drax	coal	3,870	1974
	Drax GT	gas oil	75	1971

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EDF Energy	Suton Bridge	CCGT	803	1999
	Cottam	coal	2,008	1969
	West Burton	coal	1,972	1967
	West Burton GT	gas oil	40	1967
Edison Mission Energy	Dinorwig	pumped storage	1,728	1983
	Ffestiniog	pumped storage	360	1961
Enfield Energy Centre Ltd	Brimsgate	CCGT	390	1999
Fellside Heat and Power	Fellside	CHP	168	1993
Fibrogen	Glanford	meat & bone meal	13	1993
Fibropower Ltd	Eye, Suffolk	poultry litter	13	1992
Fibrothorpe	Thetford	poultry litter	39	1998
Great Yarmouth Power Ltd	Great Yarmouth	CCGT	420	2001
Humber Power	South Humber Bank 1	CCGT	785	1996
	South Humber Bank 2	CCGT	527	1998
Immingham CHP LLP	Immingham CHP	CHP	734	2004
International Power	Deeside (4)	CCGT	500	1994
	Rugeley	coal	1,006	1972
	Rugeley GT	gas oil	50	1972
Killingholme Power Ltd (5)	Killingholme	CCGT	650	1994
National Grid	Kielder	hydro	5.5	1984
PowerGen	Kingsnorth	coal/oil	1,940	1970
	Ironbridge	coal	970	1970
	Ratcliffe	coal	2,000	1968
	Grain (6)	oil	650	1979
	Grain GT	gas oil	55	1978
	Kingsnorth GT	gas oil	34	1967
	Ratcliffe GT	gas oil	34	1966
	Taylor's Lane GT	gas oil	132	1979
	Connahs Quay	CCGT	1,380	1996
	Cottam Development Centre	CCGT	400	1999
	Rheidol	hydro	50	1961
	Premier Power Ltd	Ballylumford	oil/gas	1,216
Regional Power Generators Ltd	Glanford Brigg	CCGT	240	1993
Rocksavage Power Co. Ltd	Rocksavage	CCGT	750	1997
RWE Innogy Plc	Aberthaw B	coal	1,455	1971
	Tilbury B (7)	coal/oil	1,020	1968
	Didcot A	coal/gas	1,925	1972
	Aberthaw GT	gas oil	51	1971
	Cowes	gas oil	70	1982
	Didcot GT	gas oil	100	1972

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RWE Innogy Plc (continued)	Fawley GT	gas oil	34	1969
	Littlebrook GT	gas oil	105	1982
	Tilbury GT	gas oil	34	1968
	Fawley (7)	oil	484	1969
	Littlebrook D (7)	oil	685	1982
	Didcot B	CCGT	1,370	1998
	Little Barford	CCGT	655	1995
	Cwm Dylfi	hydro	10	1989 (B)
	Dolgarrog	hydro	37	1924
Scottish & Southern Energy plc				
<b>Schemes:</b>				
Afric/Beaully	Mullardoch Tunnel	hydro	2.4	1955
	Fasnakyle	hydro	69	1951
	Deanie	hydro	38	1963
	Culligran	hydro	19.1	1962
	Aigas	hydro	20	1962
	Kilmorack	hydro	20	1962
Breadalbane	Lubreoch	hydro	4	1958
	Cashlie	hydro	11	1959
	Lochay	hydro	47	1958
	Finlang	hydro	16.5	1955
	Lednock	hydro	3	1961
	St. Fillans	hydro	16.8	1957
	Dalchonzie	hydro	4	1958
Conon	Achanalt	hydro	3	1956
	Grudie Bridge	hydro	18.7	1950
	Mossford	hydro	18.7	1957
	Luichart	hydro	34	1954
	Orrin	hydro	18	1959
	Torr Achilty	hydro	15	1954
Foyers	Foyers	hydro/pumped storage	300	1974
Great Glen	Foyers Falls	hydro	5.2	1968
	Mucomir	hydro	2	1962
	Ceannacroc	hydro	20	1956
	Livishie	hydro	15	1962
	Glenmoriston	hydro	37	1957
	Quoich	hydro	18.5	1955
Ivergarry	hydro	20	1956	
Shin	Cassley	hydro	10	1959
	Lairg	hydro	3.5	1959
	Shin	hydro	18.7	1958
Sloy/Awe	Sloy	hydro	152.5	1950
	Sron Mor	hydro	5	1957
	Clachan	hydro	40	1955
	Alt-na-Lairgie	hydro	6	1956
	Nant	hydro	15	1963
	Inverawe	hydro	25	1963
	Kilmelfort	hydro	2	1956
	Loch Gair	hydro	6	1961
	Lussa	hydro	2.4	1952
	Striven	hydro	8	1951

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Company Name	Station Name	Fuel	Installed Capacity (MW)	Year of Commission or year generation began	
Scottish & Southern Energy plc (continued)					
Tummel	Gaur	hydro	7.9	1953	
	Cuaich	hydro	2.5	1959	
	Loch Erich	hydro	2.2	1962	
	Rannoch	hydro	44.1	1930	
	Tummel	hydro	34	1933	
	Errochty	hydro	75	1955	
	Ciunie	hydro	61.2	1950	
	Pitlochry	hydro	15	1950	
<b>Small Hydros:</b>	Chliostair	hydro	1.1	1960	
	Kerry Falls	hydro	1.3	1951	
	Loch Dubh	hydro	1.2	1954	
	Nostie Bridge	hydro	1.3	1950	
	Storr Lochs	hydro	2.4	1952	
	Cuileag	hydro	3.2	2002	
<b>Thermal:</b>	Peterhead (9)	CCGT oil/gas	1,540	1980	
	Medway	CCGT	688	1995	
	Fife Power Station	CCGT	120	2000	
	Keadby	CCGT	745	1994	
	Chickerell	gas	45	1998	
	Burghfield	gas	45	1998	
	Thatcham	diesel	8.9	1994	
	Five Oaks	diesel	8.9	1995	
	Chippenham	gas	10	2002	
	Wheldale	gas	10	2002	
<b>Island Generation</b>	Stornoway	diesel	23.5	1950	
	Lerwick	diesel	67.2	1953	
	Amnish	diesel	3	2001	
	Kirkwall	diesel	16.2	1953	
	Loch Carnan, South Uist	diesel	11.8	1971	
	Bowmore	diesel	6	1946	
	Tiree	diesel	2.5	1945	
	Barra	diesel	2.1	1990	
Scottish Power					
<b>Schemes:</b>	Galloway	Carsfad	hydro	12	1936
		Drumjohn	hydro	2	1985
		Earlstoun	hydro	14	1936
		Glenlee	hydro	24	1935
		Kendoon	hydro	24	1936
	Lanark	Tongland	hydro	33	1935
		Bonnington	hydro	11	1927
		Stonebyres	hydro	5	1927
	Cruachan	Cruachan	pumped storage	399	1966
<b>Thermal:</b>	Cockenzie	coal	1,152	1967	
	Longannet	coal	2,304	1970	
	Knapton	gas oil	40	1994	
	Rye House	CCGT	715	1993	
Seabank Power Limited	Seabank 1	CCGT	812	1998	
	Seabank 2	CCGT	410	2000	

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Company Name	Station Name	Fuel	Installed Capacity (MW)	Year of Commission or year generation began
Sita Tyre Recycling Ltd	Wolverhampton(10)	waste	20	1994
South Coast Power	Shoreham	CCGT	400	2000
South East London Combined Heat & Power Ltd	Landmann Way, London	waste	32	1994
Spalding Energy Company Ltd	Spalding	CCGT	903	2004
Teesside Power Ltd	Teesside Power Station	CCGT	1,875	1992
Western Power Generation	St Marys	gas oil	6	1958
	Princetown	kerosene	3	1959
	Lynton	gas oil	2	1961
	Roseland	kerosene	5	1963
<b>Total</b>			<b>73,855</b>	

(1) This list covers stations of more than 1 MW capacity, but excludes some renewables stations of over 1 MW which are included in the section below.

(2) AES Fifoots is in administration and not currently operating although it did operate under lease in winter 2003/04.

(3) Purchased by Scottish Power in June 2004

(4) Includes 250 MW re-instated in October 2003.

(5) Purchased by Centrica in June 2004

(6) As re-instated in October 2003; 650 MW remain mothballed.

(7) Excludes mothballed capacity.

(8) Recommissioning date.

(9) Total capacity is 2,319 MW but because of transmission constraints only 1,540 MW can be used at any one time.

(10) There has been no generation from this site for several years.

### Other power stations<sup>(11)</sup>

Station type	Fuel	Capacity (MW)
Renewable sources and combustible wastes	wind	742
	landfill gas	619
	sewage gas	101
	hydro	133
	waste	269
	other	119
CHP schemes other than major power producers and renewables	mainly gas	3,978
Other autogenerators	various fuels	926

(11) As at end December 2003.

### Interconnectors

	Capacity (MW)
England - Scotland	2,200
England - France	2,000
Scotland - Northern Ireland	500
Northern Ireland - Irish Republic	600