

5.11 Power Stations in the United Kingdom

(operational at the end of May 2017)⁽¹⁾

Company Name	Station Name	Fuel	Installed Capacity (MW)	Year of commission or year generation began	Location Scotland, Wales, Northern Ireland or English region
AES	Ballylumford C	CCGT	616	2003	Northern Ireland
	Kilroot	Coal / oil	520	1981	Northern Ireland
	Ballylumford B	Gas	540	1968	Northern Ireland
	Ballylumford B OCGT	Gas oil	116	1968	Northern Ireland
	Kilroot OCGT	Gas oil	142	1981	Northern Ireland
British Energy (now part of EDF)	Dungeness B	Nuclear	1,050	1983	South East
	Hartlepool	Nuclear	1,180	1984	North East
	Heysham 1	Nuclear	1,155	1984	North West
	Heysham 2	Nuclear	1,230	1988	North West
	Hinkley Point B	Nuclear	955	1976	South West
	Hunterston B	Nuclear	965	1976	Scotland
	Sizewell B	Nuclear	1,198	1995	East
	Torness	Nuclear	1,185	1988	Scotland
British Solar Renewables	Braddestoke Solar Park	Solar	70	2015	South West
Carrington Power	Carrington	CCGT	900.0	2016	North West
Centrica	Barry	CCGT	235	1998	Wales (2)
	Glanford Brigg	CCGT	150	1993	Yorkshire and the Humber (2)
	Langage	CCGT	905	2010	South West
	Peterborough	CCGT	240	1993	East (2)
	South Humber Bank	CCGT	1,310	1996	Yorkshire and the Humber
Coolkeeragh ESB Ltd	Coolkeeragh	CCGT	408	2005	Northern Ireland
	Coolkeeragh OCGT	Gas oil	53	2005	Northern Ireland
Corby Power Ltd	Corby	CCGT	401	1993	East Midlands
Cubico Sustainable Investments Limited	Broxted Solar Park	Solar	32	2015	East
	Owl's Hatch Solar Park	Solar	51.9	2016	South East
Cumbria Wind	Beckburn	Wind	31	2017	North West
	Burnfoot Hill	Wind	30	2010	Scotland
	Corriemoillie	Wind	48	2016	Scotland
	Fallago Rig	Wind	144	2013	Scotland
	Green Rigg	Wind	36	2012	North East
	Longpark	Wind	38	2009	Scotland
	Teesside	Wind (offshore)	62	2014	North East
Dong Energy	Barrow	Wind (offshore)	90	2006	North West
	Burbo Bank	Wind (offshore)	90	2009	North West
	Gunfleet Sands 1	Wind (offshore)	108	2010	South East
	Gunfleet Sands 2	Wind (offshore)	65	2010	South East
	Lincs	Wind (offshore)	270	2012	East
	Walney 1	Wind (offshore)	184	2011	North West
	Walney 2	Wind (offshore)	184	2011	North West
	West of Duddon Sands	Wind (offshore)	389	2014	North West
	Westernmost Rough	Wind (offshore)	210	2015	South East
Drax Power Ltd	Drax - coal units	Coal	1,980	1974	Yorkshire and the Humber
	Drax - biomass units	Biomass	1,980	1974	Yorkshire and the Humber
	Drax GT	Gas oil	75	1971	Yorkshire and the Humber
E.On UK	Blackburn Meadows	Biomass	33	2015	Yorkshire and the Humber
	Steven's Croft *	Biomass	50	2007	Scotland
	Castleford	CCGT	56	2002	Yorkshire and the Humber
	Sandbach	CCGT	56	1999	North West
	Thornhill	CCGT	50	1998	Yorkshire and the Humber
	Camster	Wind	50	2012	Scotland
	Tween Bridge	Wind	44	2012	North East
	Humber Gateway	Wind (offshore)	219	2015	North East
	London Array	Wind (offshore)	630	2012	South East
	Robin Rigg East	Wind (offshore)	90	2010	Scotland
	Robin Rigg West	Wind (offshore)	90	2010	Scotland
	Scroby Sands	Wind (offshore)	60	2004	East
EDF Energy	West Burton CCGT	CCGT	1,332	2012	East Midlands
EDF Energy	Cottam	Coal	2,008	1969	East Midlands
EDF Energy	West Burton	Coal	2,012	1967	East Midlands
EDF Energy	Barkantine Heat & Power Company *	Gas	1	2000	London
EDF Energy	London Heat & Power Company *	Gas	9	2000	London
EDF Energy	West Burton GT	Gas oil	40	1967	East Midlands
Eggborough Power Ltd	Eggborough	Coal	1,960.0	1967	Yorkshire and the Humber
Eneco Wind UK Limited	Lochluichart	Wind	69.0	2014	Scotland
	Moy	Wind	60.0	2016	Scotland

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Company Name	Station Name	Fuel	Installed Capacity (MW)	Year of commission or year generation began	Location Scotland, Wales, Northern Ireland or English region
ENGIE	Deeside	CCGT	515	1994	Wales
	Saltend *	CCGT	1,200	2000	Yorkshire and the Humber
	Indian Queens	Gas oil / kerosene	140	1996	South West
	Dinorwig	Pumped storage	1,800	1983	Wales
	Ffestiniog	Pumped storage	360	1961	Wales
EPR Ely Limited	Elean	Straw	38	2001	East
EPR Eye Ltd	Eye Suffolk	Biomass	14	1992	East
EPR Glanford Ltd	Glanford	Meat & bone meal	14	1993	East
EPR Scotland Ltd	Westfield	Biomass	13	2000	Scotland
EPR Thetford Ltd	Thetford	Biomass	42	1998	East
Falck Renewables Wind Ltd	Cambrian	Wind	38	2016	Wales
	Earlsburn	Wind	38	2007	Scotland
	Kilbraur	Wind	68	2008	Scotland
	Millennium	Wind	65	2008	Scotland
	West Browncastle	Wind	30	2014	Scotland
Ferrybridge MFE Limited	Ferrybridge Multi-fuel	Biomass	79	2015	Yorkshire and the Humber
Foresight Group	Shotwick	Solar	72	2017	England
Fred Olsen	Crystal Rig	Wind	63	2003	Scotland
	Crystal Rig 2	Wind	138	2010	Scotland
	Mid Hill	Wind	76	2014	Scotland
	Paul's Hill	Wind	64	2005	Scotland
	Roths	Wind	51	2004	Scotland
	Roths 2	Wind	41	2013	Scotland
Greencoat Solar	Cottishall 1	Solar	34	2016	England
	Eveley	Solar	49	2016	England
Greencoat UK Wind	Braes of Doune Wind Farm	Wind	72.0	2007	Scotland
Infinis	A'Chruach	Wind	43	2016	Scotland
	Dalswinton	Wind	31	2008	Scotland
	Galawhistle	Wind	66	2017	Scotland
	Minsca	Wind	37	2008	Scotland
	Sieve Divena	Wind	30	2009	N Ireland
Intergen	Coryton	CCGT	800	2001	East
	Rocksavage	CCGT	810	1998	North West
	Spalding	CCGT	880	2004	East Midlands
Lightsource	Crundale	Solar	43.7	2016	England
	Exning	Solar	30.3	2016	England
Londonwaste Limited	Edmonton	Waste	60.0	1970	South East
Magnox Ltd	Maentwrog	Hydro	35.3	1928	Wales
Marchwood Power Limited	Marchwood	CCGT	842.0	2009	South West
MPF Operations Limited	Baglan Bay CCGT	CCGT	520.0	2002	Wales
MPF Operations Limited	Severn Power	CCGT	850.0	2010	Wales
MPF Operations Limited	Sutton Bridge	CCGT	819.0	1999	East
MPF Operations Limited	Baglan Bay OCGT	OCGT	32.3	2002	Wales
Peel Energy Ltd	Frodsham Wind Farm Ltd	Wind	50.4	2017	North West
Px Limited	Fellside CHP *	Gas	180.0	1995	North West
Renewable Energy Systems Ltd	Hill of Towie	Wind	48.3	2012	Scotland
Riverside Resource Recovery Limited	Belvedere	Waste	80.0	2011	South East
Rockfire Capital	Swindon Solar Park	Solar	60.9	2017	England
RWE Innogy UK Ltd	Markinch CHP *	Biomass	65.0	2014	Scotland
RWE Innogy UK Ltd (Part of RWE Npower)	Carno	Wind	33.6	2016	Wales
	Causeymire	Wind	48.3	2004	Scotland
	Farr	Wind	92.0	2006	Scotland
	Ffynnon Oer	Wind	32.0	2006	Wales
	Goole Fields	Wind	33.0	2013	North East
	Goole Fields 2	Wind	34.9	2016	England
	Little Cheyne Court	Wind	59.8	2008	South East
	Middlemoor	Wind	54.0	2013	North East
	Novar 2	Wind	36.8	2012	Scotland
	Gwynt y Mor	Wind (offshore)	576.0	2013	Wales
	North Hoyle	Wind (offshore)	60.0	2003	Wales
	Rhyl Flats	Wind (offshore)	90.0	2009	Wales

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Company Name	Station Name	Fuel	Installed Capacity (MW)	Year of commission or year generation began	Location Scotland, Wales, Northern Ireland or English region
RWE Npower Plc	Didcot B	CCGT	1,470.0	1998	South East
	Great Yarmouth	CCGT	420.0	2001	East
	Little Barford	CCGT	720.0	1995	East
	Pembroke	CCGT	2,180.0	2012	Wales
	Staythorpe C	CCGT	1,772.0	2010	East Midlands
	Aberthaw B	Coal	1,586.0	1971	Wales
	Aberthaw GT	Gas oil	51.0	1971	Wales
	Cowes	Gas oil	140.0	1982	South East
	Didcot GT	Gas oil	100.0	1972	South East
	Little Barford GT	Gas oil	17.0	2006	East
Scottish and Southern: Hydro Schemes - Affric/Beaully	Deanie	Hydro	38.0	1963	Scotland
	Fasnakyle	Hydro	69.0	1951	Scotland
Scottish and Southern: Hydro Schemes - Breadalbane	Lochay	Hydro	46.0	1958	Scotland
Scottish and Southern: Hydro Schemes - Conon	Luichart	Hydro	34.0	1954	Scotland
Scottish and Southern: Hydro Schemes - Foyers	Foyers	Hydro / pumped storage	300.0	1974	Scotland
Scottish and Southern: Hydro Schemes - Great Glen	Glendoe	Hydro	100.0	2008	Scotland
	Glenmoriston	Hydro	37.0	1957	Scotland
Scottish and Southern: Hydro Schemes - Sloy/Awe	Clachan	Hydro	40.0	1955	Scotland
	Sloy	Hydro	152.5	1950	Scotland
Scottish and Southern: Hydro Schemes - Tummel	Clunie	Hydro	61.2	1950	Scotland
	Errochty	Hydro	75.0	1955	Scotland
	Rannoch	Hydro	45.0	1930	Scotland
	Tummel	Hydro	34.0	1933	Scotland
Scottish and Southern: Island Generation	Arnish	Diesel	10.0	2001	Scotland
	Barra	Diesel	3.0	1990	Scotland
	Bowmore	Diesel	6.0	1946	Scotland
	Kirkwall	Diesel	16.0	1953	Scotland
	Lerwick	Diesel	67.0	1953	Scotland
	Loch Carnan, South Uist	Diesel	9.0	1971	Scotland
	Stornoway	Diesel	24.0	1950	Scotland
	Tiree	Diesel	3.0	1945	Scotland
Scottish and Southern: Thermal	Keadby	CCGT	710.0	1994	Yorkshire and the Humber
	Medway	CCGT	700.0	1995	South East
	Peterhead	CCGT	1,180.0	1980	Scotland
	Fiddler's Ferry	Coal / biomass	1,961.0	1971	North West
	Slough *	Coal / biomass / gas / waste derived fuel	35.0	1918	South East
	Chippenham	Gas	10.0	2002	South West
	Burghfield	Gas / oil	45.0	1998	South East
	Chickerell	Gas / oil	45.0	1998	South West
	Fiddler's Ferry GT	Gas oil	34.0	1969	North West
	Keadby GT	Gas oil	25.0	1994	Yorkshire and the Humber
	Five Oaks	Light oil	8.7	1995	South East
	Thatcham	Light oil	8.7	1994	South East
Scottish and Southern: Wind	Achany	Wind	38.0	2010	Scotland
	Clyde Central	Wind	112.7	2011	Scotland
	Drumderg	Wind	36.8	2008	Scotland
	Dunmaglass	Wind	94.1	2017	Scotland
	Fairburn	Wind	40.0	2009	Scotland
	Gordonbush	Wind	70.0	2011	Scotland
	Griffin	Wind	188.6	2011	Scotland
	Hadyard Hill	Wind	119.6	2005	Scotland
	Keadby	Wind	68.0	2013	Yorkshire and the Humber
	Slieve Kirk	Wind	73.6	2011	Northern Ireland
	Strathy North	Wind	67.7	2015	Scotland
	Tievenameenta	Wind	34.5	2017	Northern Ireland
	Greater Gabbard	Wind (offshore)	504.0	2011	East
	Clyde North	Wind	108.1	2012	Scotland
	Clyde South	Wind	128.8	2011	Scotland
Scottish Power: Hydro schemes - Cruachan	Cruachan	Pumped storage	440.0	1966	Scotland
Scottish Power: Hydro schemes - Galloway	Tongland	Hydro	33.0	1935	Scotland
Scottish Power: Thermal	Blackburn	CCGT	59.0	2011	North West
	Damhead Creek	CCGT	805.0	2000	South East
	Rye House	CCGT	715.0	1993	East
	Shoreham	CCGT	420.0	2000	South East
	Pilkington - Greengate *	Gas	10.0	1998	North West
Scottish Power: Wind	Arcleloch	Wind	120.0	2010	Scotland
	Beinn an Tuirc 2	Wind	43.7	2012	Scotland
	Black Law	Wind	124.2	2005	Scotland
	Black Law 2	Wind	55.4	2017	Scotland
	Harestanes	Wind	136.0	2013	Scotland
	Mark Hill	Wind	56.0	2011	Scotland
	Penryddian & Llidiartywaun	Wind	30.6	1992	Wales
	Whitelee	Wind	322.0	2007	Scotland
	Whitelee 2	Wind	217.0	2012	Scotland

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Company Name	Station Name	Fuel	Installed Capacity (MW)	Year of commission or year generation began	Location Scotland, Wales, Northern Ireland or English region
Seabank Power Limited	Seabank 1	CCGT	812.0	1998	South West
	Seabank 2	CCGT	410.0	2000	South West
Sembcorp Utilities (UK) Ltd	Wilton 10	Biomass	38.0	2007	North East
	Wilton GT1 *	Gas	42.0	1952	North East
	Wilton GT2	Gas	42.0	2005	North East
SIMEC	Uskmouth Power	Coal	230.0	1966	Wales
South East London Combined Heat & Power Ltd	SELCHP ERF *	Waste	32.0	1994	London
Statkraft Energy Ltd	Rheidol	Hydro	56.0	1961	Wales
Statkraft Wind UK Ltd	Andershaw	Wind	36.3	2016	Scotland
	Baillie	Wind	52.5	2013	Scotland
	Berry Burn	Wind	66.7	2013	Scotland
	Dudgeon BMU 2	Wind	90.0	2017	England
	Dudgeon BMU 3	Wind	102.0	2017	England
	Sheringham Shoal BMU 1 & 2	Wind	316.0	2012	England
Third Energy Trading Ltd (Formerly RGS)	Knapton	Gas	40.0	1994	Yorkshire and the Humber
Uniper UK Limited	Connahs Quay	CCGT	1,380.0	1996	Wales
	Cottam Development Centre	CCGT	395.0	1999	East Midlands
	Enfield	CCGT	408.0	1999	London
	Grain CHP *	CCGT	1,404.0	2010	South East
	Ratcliffe	Coal	2,000.0	1968	East Midlands
	Grain GT	Gas oil	56.0	1978	South East
	Ratcliffe GT	Gas oil	34.0	1966	East Midlands
	Taylor's Lane GT	Gas oil	144.0	1979	London
	Killingholme	OCGT	600.0	1993	Yorkshire and the Humber
Vattenfall Wind Power	Clashindarroch	Wind	36.9	2015	Scotland
	Edinbane	Wind	41.0	2010	Scotland
	Pen y Cymoedd	Wind	228.0	2016	Wales
	Ray	Wind	54.4	2017	England
	Kentish Flats	Wind (offshore)	90.0	2005	South East
	Kentish Flats Extension	Wind (offshore)	49.5	2015	South East
	Ormonde	Wind (offshore)	150.0	2011	North West
	Thanet	Wind (offshore)	300.0	2010	South East
Viridor Waste Management	Ardley EFW	Waste	26.0	2014	South East
	Bolton EFW	Waste	8.0	1971	North West
	Cardiff EFW	Waste	30.0	2014	South Wales
	Exeter EFW	Waste	3.5	2014	South West
	Lakeside EFW	Waste	37.0	2010	South West
	Peterborough EFW	Waste	7.3	2016	East Midlands
	Runcorn EFW	Waste	81.0	2014	North West
VPI Immingham LLP	VPI Immingham *	Gas	1,240.0	2004	Yorkshire and the Humber
Wind Prospect	Corriegarth	Wind	69.0	2017	Scotland
Wind Prospect	Scout Moor	Wind	65.0	2009	North West
XceCo Ltd	Inner Dowsing	Wind (offshore)	97.0	2009	East Midlands
	Lynn	Wind (offshore)	97.0	2009	East Midlands
Total			74,373		

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Other power stations

Renewable sources and combustible wastes	Other MPP wind onshore	2,115
	Other MPP wind offshore	532
	Other generators wind	3,388
	Other generators landfill gas	1,062
	Other generators sewage gas	257
	Other generators biomass and waste	1,738
	Other MPP hydro	545
	Other generators hydro	206
	Other MPP Solar	1,911
	Other generators solar photovoltaics and wave/tidal	9,544

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Interconnectors

	Capacity (MW)
England - France	2,000
England - Netherlands	1,000
Scotland - Northern Ireland	500
Wales - Irish Republic	500
Northern Ireland - Irish Republic	600

Footnotes

(1) This list covers stations owned or operated by Major Power Producers, apart from non-thermal renewable sites under 30MW capacity (which are included in the database tab); other power stations (including many renewable sites and auto-generators) are included in the sub table on page 149.

(2) Capacity reduced in 2013, with these stations typically now operating as Open Cycle Gas Turbines.

(3) Total capacity is 1,840 MW but because of transmission constraints only 1,180 MW can be used at any one time.

* indicates CHP plant