

**UNITED KINGDOM NUCLEAR POWER STATIONS: PAST, PRESENT & PLANNED**

Site	Power Station Name	Reactor Identity	Location	Reactor Type	Reactor Model		Status	Net Capacity MW	Construction Started	Commercial Operation	Closure
1	Berkeley	1	Gloucestershire	GCR	Gen I	Magnox	Decommissioned	138	1957	1962	1989
		2		GCR	Gen I	Magnox		138	1957	1962	1988
2	Bradwell	1	Essex	GCR	Gen I	Magnox	Decommissioned	123	1957	1962	2002
		2		GCR	Gen I	Magnox		123	1957	1962	2002
	Bradwell B	1		PWR	Gen III	Hualong-1	Planned	1,090			
		2		PWR	Gen III	Hualong-1		1,090			
3	Calder Hall (Sellafield)	1	Cumbria	GCR	Gen I	Magnox	Shut down/in decommissioning	49	1953	1956	2003
		2		GCR	Gen I	Magnox		49	1953	1957	2003
		3		GCR	Gen I	Magnox		49	1955	1958	2003
		4		GCR	Gen I	Magnox		49	1955	1959	2003
	Moorside (Sellafield)	1	Cumbria	PWR	Gen III	EPR	Planned	1,600			
		2		PWR	Gen III	EPR		1,600			
4	Chapelcross	1	Dumfries & Galloway	GCR	Gen I	Magnox	Shut down/in decommissioning	48	1955	1959	2004
		2		GCR	Gen I	Magnox		48	1955	1959	2004
		3		GCR	Gen I	Magnox		48	1955	1959	2004
		4		GCR	Gen I	Magnox		48	1955	1960	2004
5	Dounreay	1	Caithness	SFR	Research	DFR	Shut down/in decommissioning	11	1955	1962	1977
		2		SFR	Research	PFR		234	1966	1976	1994
6	Dungeness A	1	Kent	GCR	Gen I	Magnox	Shut down/in decommissioning	225	1960	1965	2006
		2		GCR	Gen I	Magnox		225	1960	1965	2006
	Dungeness B	1		GCR	Gen II	AGR	Shut down	520	1965	1985	2021
		2		GCR	Gen II	AGR		520	1965	1989	2021
7	Hartlepool	1	County Durham	GCR	Gen II	AGR	Operational	595	1968	1989	(2024)
		2		GCR	Gen II	AGR		585	1968	1989	(2024)
8	Heysham A	1	Lancashire	GCR	Gen II	AGR	Operational	585	1970	1989	(2024)
		2		GCR	Gen II	AGR		575	1970	1989	(2024)
	Heysham B	1		GCR	Gen II	AGR	Operational	610	1980	1989	(2028)
		2		GCR	Gen II	AGR		610	1980	1989	(2028)
9	Hinkley Point A	1	Somerset	GCR	Gen I	Magnox	Shut down/in decommissioning	235	1957	1965	2000
		2		GCR	Gen I	Magnox		235	1957	1965	2000
	Hinkley Point B	1		GCR	Gen II	AGR	Shut down	435	1967	1978	2022
		2		GCR	Gen II	AGR		435	1967	1976	2022
Hinkley Point C	1	Somerset	PWR	Gen III+	EPR	Under Construction	1,600	2018	(2028)		
	2		PWR	Gen III+	EPR		1,600	2019	(2027)		
10	Hunterston A	1	North Ayrshire	GCR	Gen I	Magnox	Shut down/in decommissioning	150	1957	1964	1990
		2		GCR	Gen I	Magnox		150	1957	1964	1989
	Hunterston B	1		GCR	Gen II	AGR	Shut down	460	1967	1976	2021
		2		GCR	Gen II	AGR		460	1967	1977	2022
11	Oldbury	1	South Gloucestershire	GCR	Gen I	Magnox	Shut down/in decommissioning	217	1962	1967	2012
		2		GCR	Gen I	Magnox		217	1962	1968	2011
12	Sizewell A	1	Suffolk	GCR	Gen I	Magnox	Shut down/in decommissioning	210	1961	1966	2006
		2		GCR	Gen I	Magnox		210	1961	1966	2006
	Sizewell B	1		PWR	Gen III	WH SNUPPS	Operational	1,191	1988	1995	(2055)
		2		PWR	Gen III	EPR		1,600	(2024)		
Sizewell C	1	Suffolk	PWR	Gen III	EPR	Planned	1,600	(2024)			
	2		PWR	Gen III	EPR		1,600	(2024)			
13	Torness	1	East Lothian	GCR	Gen II	AGR	Operational	595	1980	1988	(2028)
		2		GCR	Gen II	AGR		595	1980	1989	(2028)
14	Trawsfynydd	1	Gwynedd	GCR	Gen I	Magnox	Shut down/in decommissioning	195	1959	1965	1991
		2		GCR	Gen I	Magnox		195	1959	1965	1961
15	Winfrith	1	Dorset	SGHWR	Research	SGHWR	Shut down/in decommissioning	92	1963	1968	1990
		2		GCR	Gen I	Magnox		490	1963	1971	2015
16	Wylfa	1	Anglesey	GCR	Gen I	Magnox	Shut down/in decommissioning	490	1963	1972	2012
		2		GCR	Gen I	Magnox		490	1963	1972	2012
<b>TOTAL</b>		<b>52</b>					<b>TOTAL</b>	<b>25,242</b>			

KEY	
GCR	Gas-cooled Reactor
PWR	Pressurised Water Reactor
SFR	Sodium Fast Reactor
SGHWR	Steam-Generating Heavy Water Reactor
Magnox	The first commercial GCR, UK-designed
Hualong-1	A Gen III Chinese PWR
DFR	Downreay Fast Reactor
EPR	A Gen III European Pressurized Reactor
AGR	A Gen II Advanced Gas-cooled Reactor
PFR	Prototype Fast Reactor
SGHWR	Steam Generating Heavy Water Reactor
WH	A Gen III Westinghouse Standardised Nuclear
SNUPPS	Unit Power Plant System (4-loop)

Land purchased

	SUMMARY						TOTAL
	Decommissioned	Shut down/in decommissioning	Shut down	Operation, planned to shut down	Under construction	Planned	
Sites	2	11	3	5	1	3	16
Reactors	4	25	6	9	2	6	52
Capacity (MW)	522	4,169	2,830	5,941	3,200	8,634	25,296
			13,462			11,834	

**NOTE The UK Government has an ambition for up to 24,000 MW of operational capacity from nuclear power stations by 2050.**  
 REFERENCE British Energy Security Strategy, 7 April 2022 <https://www.gov.uk/government/publications/british-energy-security-strategy/british-energy-security-strategy>

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