ANNEX 4 - STATUS OF NUCLEAR POWER IN THE WORLD

Table 20 · Status of Nuclear Power in the World (as of 1 July 2024)

Country	Nuclear Fleet					Power	Energy
	Operating		LTO	Mean Age[a]	Under Construction	Share of Commercial Electricity[b] (2023)	Share of Commercial Primary Energy[c] (2023)
	Units	Capacity (MW)	Units	Years	Units		
Argentina	3	1 641		33.8	1	6.3% (=)	2.2% (=)
Armenia	1	416		44.5		31.1% (=)	N/A
Bangladesh	-	-		-	2		
Belarus	2	2 220		2.4		28.6% (+)	9.9% (+)
Belgium	5	3 908		45.2		41.2% (–)	12.8% (–)
Brazil	2	1 884		33.1		2.2% (=)	0.9% (=)
Bulgaria	2	2 006		34.8		40.4% (+)	20.2 (+)
Canada	18	12 821	1	41/41.5		13.7% (=)	5.7% (=)
China	57	54 152	1	10.5/10.4	27	4.9% (=)	2.3% (=)
Czech Republic	6	3 934		33		40% (+)	17.9% (=)
Egypt	-	-		-	4		
Finland	5	4 394		36.7		42% (+)	25.7% (+)
France	56	61 370		39.1	1	64.8% (+)	35% (+)
Germany	-	-		-		1.4% (–)	0.6% (–)
Hungary	4	1 916		39		48.8% (+)	15.7% (=)
India	19	6 718	4	25.1/21.1	7	3.1% (=)	1.1% (=)
Iran	1	915		12.8	1	1.7% (=)	0.5% (=)
Japan	12	11 046	21	33.5/38.5	1	5.6% (=)	4% (+)
Mexico	2	1 552		32.4		4.9% (=)	1.3% (=)
Netherlands	1	482		51		3.4% (=)	1% (=)
Pakistan	6	3 262		9.6		17.4% (+)	6% (=)
Romania	2	1 300		22.5		18.9% (=)	7.9% (=)
Russia	36	26 802		30.5	6	18.4% (–)	6.2% (=)
Slovakia	5	2 308		26.1	1	61.3% (+)	24.5% (+)
Slovenia	1	688		42.7		36.8% (–)	19.3% (=)
South Africa	2	1 854		39.6		4.4% (=)	1.6% (=)
South Korea	25	25 185	1	23.2/22.5	2	31.5% (+)	13% (=)
Spain	7	7 123		39.4		20.3% (=)	9% (=)
Sweden	6	6 944		42		28.6% (=)	20.2% (=)
Switzerland	4	2 973		48.3		32.4% (–)[d]	18.5% (–)
Taiwan	2	1 874		39.7		6.9% (–)	3.5% (=)
Türkiye	-	-		-	4		
UAE	4	5 321		2.2		19.7% (+)	5.6% (+)
U.K.	9	5 883		37.1	2	12.5% (–)	5.3% (=)
Ukraine	9	7 407	6	35.4/35		50.7% (–)[c]	21.2% (–)
U.S.	94	96 952		42.7		18.6% (=)	7.8% (=)
EU27	100	96 373		38.2	2	22.6 (=)[c]	9.9% (=)
World	**408**	**367 251**	**34**	**32.1/32**	**59**	**9.15% (=)[c]**	**4% (=)**

Sources: WNISR with IAEA-PRIS, Energy Institute, 2024

Notes: **LTO:** Long-Term Outage.

(a) – Including reactors in LTO/Excluding reactors in LTO.

(b) – Data for 2023, from IAEA-PRIS, "Nuclear Share of Electricity Generation in 2023", as of July 2024, unless otherwise indicated.

(c) – Data for 2023, from Energy Institute, "Statistical Review of World Energy", 2024.