

# ANNEX 2 - STATUS OF NUCLEAR POWER IN THE WORLD

Table 28 · Status of Nuclear Power in the World (as of 1 July 2023)

Country	Nuclear Fleet					Power	Energy
	Operating		LTO	Mean Age <sup>(a)</sup>	Under Construction	Share of Commercial Electricity <sup>(b)</sup> (2022)	Share of Commercial Primary Energy <sup>(c)</sup> (2022)
	Units	Capacity (MW)	Units	Years	Units		
Argentina	3	1 641		32.8	1	5.4% (-)	1.9% (=)
Armenia	1	416		43.5		31% (+)	N/A
Bangladesh	-	-		-	2		
Belarus	2	2 220		1.4		11.9% (-)	3.7% (+)
Belgium	5	3 928		44.2		46.4% (-)	15.9% (=)
Brazil	2	1 884		32.1	1	2.5% (=)	1% (=)
Bulgaria	2	2 006		33.8		32.6% (-)	N/A
Canada	17	11 929	2	40/40.6		12.9% (-)	5.5% (=)
China	56	53 181	1	9.6	23	5% (=)	2.4% (=)
Czech Republic	6	3 934		32		36.7% (=)	16.8% (=)
Egypt					3		
Finland	5	4 394		35.7		35% (+)	19.5% (+)
France	55	60 040	1	38.1/38.2	1	63% (-) <sup>(d)</sup>	31.6% (-)
Germany						5.8% (-)	2.5% (-)
Hungary	4	1 916		38		47% (=)	14.6% (=)
India	19	6 290	3	25.2/21.4	8	3.1% (=)	1.2% (=)
Iran	1	915		11.8	1	1.7% (=)	0.5% (=)
Japan	10	9 486	23	32.4/35.2	1	6.1% (-)	2.6% (=)
Mexico	2	1 552		31.4		4.5% (=)	1.1% (=)
Netherlands	1	482		50		3.3% (=)	1.1% (=)
Pakistan	6	3 262		8.6		16.2% (+)	5.6% (+)
Romania	2	1 300		21.5		19.4% (=)	7.7% (=)
Russia	37	27 727		29.9	5	19.6% (=)	7% (=)
Slovakia	5	2 308		25.1	1	59.2% (+)	N/A
Slovenia	1	688		41.7		42.8% (+)	N/A
South Africa	2	1 854		38.6		4.9% (-)	1.9% (=)
South Korea	24	23 849	1	23.1/22.4	3	30.4% (+)	12.5% (+)
Spain	7	7 123		38.4		20.3% (=)	9.2% (=)
Sweden	6	6 937		41		29.4% (-)	20.2% (=)
Switzerland	4	2 973		47.3		36.4 (+) <sup>(e)</sup>	20% (+)
Taiwan	2	1 874		38.7		9.1% (-)	4.4% (=)
Turkey	-	-		-	4		
UAE	3	4 011		1.8	1	6.8% (+)	3.6% (+)
U.K.	9	5 883		36.1	2	14.2% (=)	5.9% (=)
Ukraine	15	13 107		34.4		55% (=) <sup>(c)</sup>	24% (=)
U.S.	93	95 835		42.1	1	18.2% (-)	7.6% (=)
EU27	99	95 054	1	37.2	2	21.6 (-) <sup>(c)</sup>	9.4% (-)
World	407	364 943	31	31.5/31.4	58	9.2% (=) <sup>(c)</sup>	4% (=)

Sources: WNISR with IAEA-PRIS, Energy Institute, 2023

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

(b) – Data for 2022, from IAEA-PRIS, “Nuclear Share of Electricity Generation in 2022”, as of July 2023, unless otherwise indicated.

(c) – Data for 2022, from Energy Institute, “Statistical Review of World Energy”, 2023.

(d) – RTE, “Bilan Électrique 2022”, Réseau de Transport d'Électricité/French Transmission System Operator, February 2023.

(e) – OFEN/SFOE, “Production et consommation totales d'énergie électrique en Suisse en 2022”, Office Fédérale de l'Énergie/Swiss Federal Office of Energy, 2023.