

ANNEX 2 - STATUS OF NUCLEAR POWER IN THE WORLD

Table 13 – Status of Nuclear Power in the World (as of 1 July 2022)

Country	Nuclear Fleet					Power	Energy
	Operating		LTO	Mean Age ^(a)	Under Construction		
	Units	Capacity (MW)	Units	Years	Units	Share of Electricity ^(b)	Share of Commercial Primary Energy ^(c)
Argentina	3	1 641		31.8	1	7.2% (=)	2.9% (=)
Armenia	1	448		42.5		25.3% (-)	N/A
Bangladesh	-	-		-	2		
Belarus	1	1 110		1.7	1	14.1% (+)	4.7%
Belgium	7	5 942		42.3		50.8% (+)	16.8% (+)
Brazil	2	1 884		31.1		2.4% (=)	1.1% (=)
Bulgaria	2	2 006		32.8		34.6% (-)	N/A
Canada	17	11 929	2	39/39.7		14.3% (=)	6% (=)
China	55	52 070		9	21	5% (=)	2.3% (=)
Czech Republic	6	3 934		31		36.6% (=)	16.6% (=)
Finland	5	4 394		34.7		32.8% (-)	18.6% (=)
France	56	61 370		37.1	1	69% (+) ^(d)	36.5% (=)
Germany	3	4 055		34		11.9% (=)	4.9% (=)
Hungary	4	1 916		37		46.8% (-)	14.2% (=)
India	19	6 290	3	24.2/20.4	8	3.2% (=)	1.1% (=)
Iran	1	915		10.8	1	1% (=)	0.3% (=)
Japan	10	9 486	23	31.4/34.2	1	7.2% (+)	3.1% (=)
Mexico	2	1 552		30.4		5.3% (=)	1.6% (=)
Netherlands	1	482		49		3.1% (=)	1% (=)
Pakistan	6	3 256		7.6		10.6% (+)	3.7% (+)
Romania	2	1 300		20.5		18.5% (-)	7.3% (=)
Russia	37	27 727		28.9	3	20% (=)	6.4% (=)
Slovakia	4	1 868		30.3	2	52.3% (=)	N/A
Slovenia	1	688		40.7		36.9% (=)	N/A
South Africa	2	1 854		37.6		6% (=)	1.9% (=)
South Korea	24	23 461	1	22.1/21.9	3	28% (-)	11.4% (=)
Spain	7	7 121		37.4		20.8% (-)	9.1% (-)
Sweden	6	6 882		40		30.8% (=)	21% (=)
Switzerland	4	2 960		46.3		30.8% (-) ^(e)	15.6% (-)
Taiwan	3	2 859		38.5		10.8% (-)	5% (-)
Turkey	-	-		-	3		
UAE	2	2 762		1.4	2	1.3%	2.1%
U.K.	11	6 848		37.1	2	14.8% (=)	5.8% (=)
Ukraine	15	13 107		33.4		55% (+)	23.4% (+)
U.S.	92	94 718		41.6	2	19.6% (=)	8% (=)
EU27	104	101 958		36.4	3	25.3% (=)^(c)	11% (=)
World	411	368 835	29	31	53	9.8% (=)^(c)	4.3% (=)

Sources: WNISR with IAEA-PRIS, BP, 2022, BP, 2022

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

(b) – Data for 2021, from IAEA-PRIS, “Nuclear Share of Electricity Generation in 2021”, as of July 2022, unless otherwise indicated.

(c) – Data for 2021, “Statistical Review of World Energy”, 2022.

(d) – RTE, “Bilan Électrique 2021”, January 2022.

(e) – Swiss Federal Office of Energy, “Production et Consommation Totales d'Énergie Électrique en Suisse”, 2022.