

APPENDIX R Nuclear Power Units by Nation

Country	Nuclear Power Production GWh*	<u>In Operation</u>		<u>Under Construction or on Order</u>		
		Number of Units	Gross MW Electrical Capacity	Number of Units	Gross MW Electrical Capacity	Shutdown
Argentina	6,161	3	1,755	1	29	0
Armenia	2,411	1	408	0	0	1 ^P
Bangladesh	0	0	0	1	1200	0
Belarus	0	0	0	2	2,388	0
Belgium	41,031	7	6,207	0	0	1 ^P
Brazil	15,740	2	1,990	1	1,405	0
Bulgaria	15,549	2	2,000	0	0	4 ^P
Canada	96,074	19	14,512	0	0	6 ^P
China	247,469	39	36,959	18	21,145	0
Czech Republic	26,785	6	4,160	0	0	0
Finland	21,575	4	2,877	1	1,720	0
France	379,100	58	65,880	1	1,650	12 ^P
Germany	72,163	7	10,013	0	0	29 ^P
Hungary	15,219	4	2,000	0	0	0
India	35,000	22	6,780	7	5,300	0
Iran	6,366	1	1,000	0	0	0
Italy	0	0	0	0	0	4 ^P
Japan	29,073	42	41,482	2	2,756	18 ^P
Kazakhstan	0	0	0	0	0	1 ^P
Korea, Republic of	141,098	24	23,518	4	5,600	1 ^P
Lithuania	0	0	0	0	0	2 ^P
Mexico	10,572	2	1,615	0	0	0
Netherlands	3,278	1	515	0	0	1 ^P
Pakistan	7,867	5	1,430	2	2,200	0
Romania	10,561	2	1,411	0	0	0
Russia	187,499	37	30,159	6	4,919	6 ^P
Slovakia	14,016	4	1,950	2	942	3 ^P
Slovenia	5,968	1	727	0	0	0
South Africa	15,209	2	1,940	0	0	0
Spain	55,599	7	7,416	0	0	3 ^P



For the most recent information, go to the Dataset Index Web page at
<https://www.nrc.gov/reading-rm/doc-collections/datasets/>.

APPENDIX R

Nuclear Power Units by Nation (continued)

Country	Nuclear Power Production GWh*	Number of Units	In Operation		Under Construction or on Order	
			Gross MW Electrical Capacity	Number of Units	Gross MW Electrical Capacity	Shutdown
Sweden	63,063	8	8,622	0	0	5 ^P
Switzerland	19,502	5	3,467	0	0	1 ^P
Turkey	0	0	0	1	1200	0
Ukraine	85,576	15	13,835	2	2,178	4 ^P
United Arab Emirates	0	0	0	4	5,600	0
United Kingdom	63,877	15	10,362	0	0	30 ^P
United States	804,950	99	105,514	2	2,500	34 ^P

Overview of Worldwide Nuclear Power Reactors—As of May 6, 2018

Nuclear Electricity Supplied (GWh)	2,487,981
Net Installed Capacity (MWe)	393,843
Nuclear Power Reactors in Operation	450
Nuclear Power Reactors in Long-Term Shutdown	0
Nuclear Power Reactors in Permanent Shutdown	166
Nuclear Power Reactors under Construction	58

* Annual electrical power production for 2017.

P = Permanent Shutdown

Notes: Totals include reactors that are operable, under construction, or on order; the country's short-form name is used; and the figures are rounded to the nearest whole number.

Sources: IAEA Power Reactor Information System Database; analysis compiled by the NRC. For more information go to <https://www.iaea.org/pris/>. Data are current as of May 2018; the next printed update will be in August 2019.

APPENDIX S

Nuclear Power Units by Reactor Type, Worldwide

Reactor Type	In Operation	
	Number of Units	Net MWe
Pressurized light-water reactors (PWR)	294	276,965
Boiling light-water reactors (BWR)	75	72,941
Heavy-water reactors, all types (HWR, PHWR)	49	24,598
Light-water-cooled graphite-moderated reactor (LWGR)	15	10,219
Gas-cooled reactors, all types (GCR)	14	7,720
Liquid-metal-cooled fast breeder reactors (FBR)	3	1,400
Total	450	393,843

Note: MWe values are rounded to the nearest whole number.

Source: IAEA Power Reactor Information System Database, www.iaea.org. Compiled by the NRC from IAEA data. Data are current as of May 2018. The next printed update will be in August 2019.



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