

PRIS

SHORTCUTS



The Database on Nuclear Power Reactors

The Power Reactor Information System (PRIS), developed and maintained by the IAEA for over five decades, is a comprehensive database focusing on nuclear power plants worldwide. PRIS contains information on power reactors in operation, under construction, or those being... [READ MORE](#)

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Select Country

Select Reactor

- 2022: Nuclear Power Reactors in the...
- 2022: Operating Experience with NPP...
- 2022: PRIS Annual Data Press Release

CURRENT STATUS

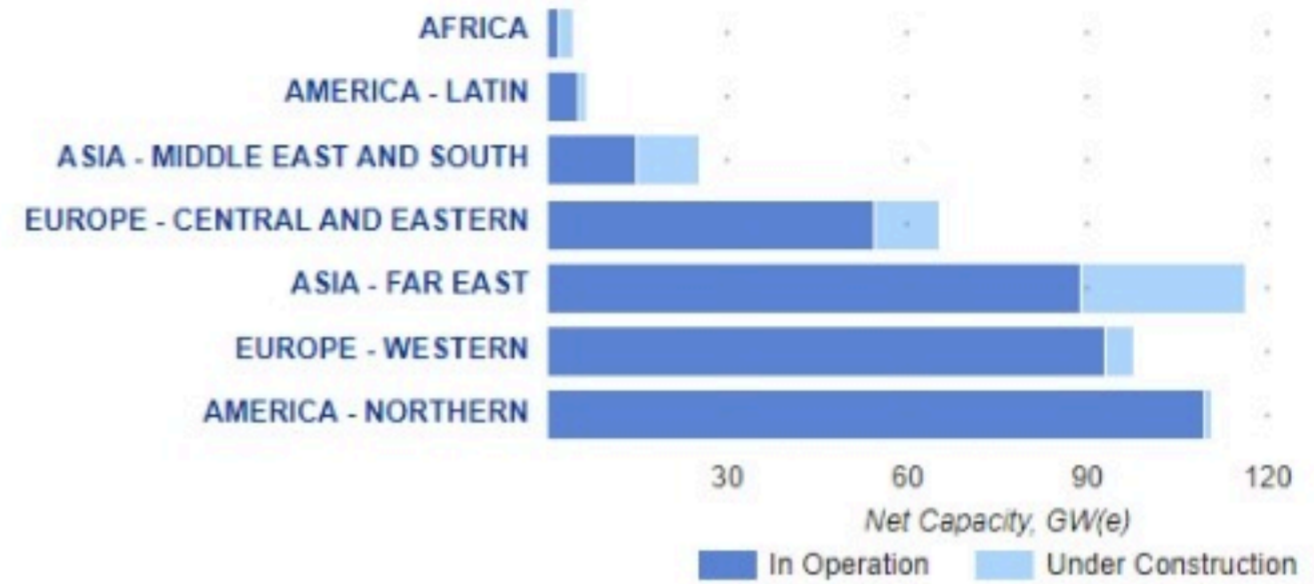
413 NUCLEAR POWER REACTORS IN OPERATION
 368 010 MWe TOTAL NET INSTALLED CAPACITY

24 NUCLEAR POWER REACTORS IN SUSPENDED OPERATION
 22 283 MWe TOTAL NET INSTALLED CAPACITY

56 NUCLEAR POWER REACTORS UNDER CONSTRUCTION
 58 647 MWe TOTAL NET INSTALLED CAPACITY

19 451 REACTOR-YEARS OF OPERATION

REGIONAL DISTRIBUTION OF NUCLEAR POWER CAPACITY



HIGHLIGHTS

NPP Status Changes (2023)

Year: 2023



New connections to the grid

FANGCHENGANG-3	(1000 MW(e), PWR, CHINA) on 10 January
MOCHOVCE-3	(440 MW(e), PWR, SLOVAKIA) on 31 January
VOGTLE-3	(1117 MW(e), PWR, USA) on 31 March

Permanent shutdowns

EMSLAND	(1335 MW(e), PWR, GERMANY) on 15 April
ISAR-2	(1410 MW(e), PWR, GERMANY) on 15 April
KUOSHENG-2	(985 MW(e), BWR, TAIWAN, CHINA) on 15 March
NECKARWESTHEIM-2	(1310 MW(e), PWR, GERMANY) on 15 April
TIHANGE-2	(1008 MW(e), PWR, BELGIUM) on 1 February

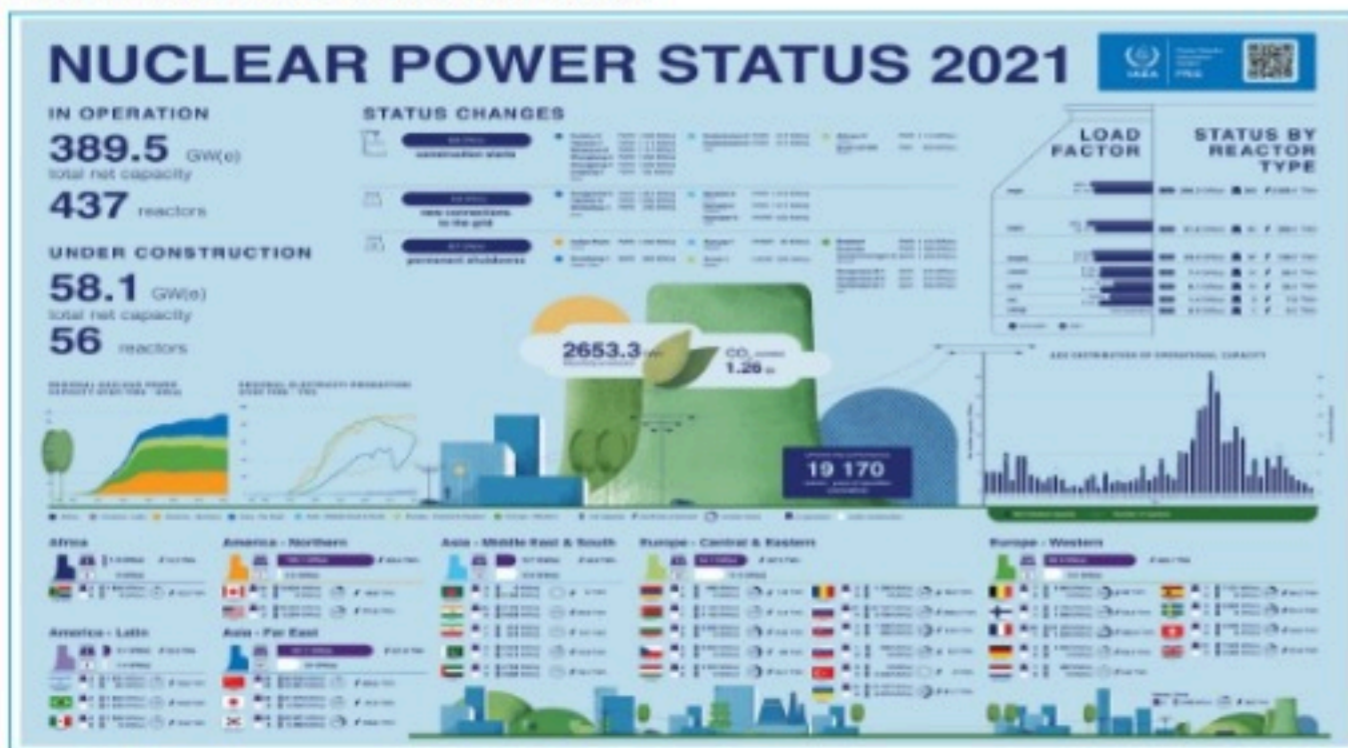
Construction starts

HAIYANG-4	(1161 MW(e), PWR, CHINA) on 22 April
SANMEN-4	(1163 MW(e), PWR, CHINA) on 22 March

Status Change Trends

Construction Starts First Grid Connections Permanent Shutdown

PRIS Nuclear Power Status 2021 Poster



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Nuclear Power History and Capacity Projections Video



Above data generated by the PRIS database. Last update on 2023-04-29