

Table E16.cap. Electricity installed generating capacity: China, Reference case

gigawatts

Fuel	2022	2025	2030	2035	2040	2045	2050	Average annual percentage change, 2022–2050
Liquid fuels	5	5	1	0	0	0	0	-16.3%
Natural gas	106	144	157	194	280	377	442	5.2%
Coal	1,164	1,203	1,203	1,203	1,203	1,203	1,203	0.1%
Nuclear	55	59	77	96	114	129	142	3.5%
Renewables	1,165	1,431	1,686	1,793	2,002	2,154	2,175	2.3%
Hydro	359	375	398	412	425	437	447	0.8%
Wind	356	380	428	490	616	739	746	2.7%
Geothermal	0	0	0	0	0	0	0	0.1%
Solar	420	646	830	862	930	948	952	3.0%
Other	30	30	30	30	30	30	30	0.0%
Battery storage	46	49	58	64	81	92	95	2.6%
Pumped hydro	47	72	83	84	84	84	84	2.1%
Total capacity	2,587	2,963	3,264	3,434	3,764	4,039	4,141	1.7%

Data source: U.S. Energy Information Administration, World Energy Projection System (2023), run r_230822.081459

Note: Totals may not equal sum of components due to independent rounding.