

Table E16.cap. Electricity installed generating capacity: China, High Economic Growth 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	-16.1%
Natural gas	106	145	179	260	440	648	855	7.7%
Coal	1,164	1,203	1,207	1,207	1,207	1,207	1,207	0.1%
Nuclear	55	59	77	96	114	129	142	3.5%
Renewables	1,165	1,422	1,686	2,078	2,419	2,611	2,651	3.0%
Hydro	359	375	398	412	425	437	447	0.8%
Wind	356	380	447	549	739	905	920	3.4%
Geothermal	0	0	0	0	0	0	0	0.1%
Solar	420	637	811	1,088	1,225	1,239	1,255	4.0%
Other	30	30	30	30	30	30	30	0.0%
Battery storage	46	50	59	82	95	121	131	3.8%
Pumped hydro	47	72	83	84	84	84	84	2.1%
Total capacity	2,587	2,956	3,291	3,808	4,359	4,801	5,070	2.4%

Data source: U.S. Energy Information Administration, World Energy Projection System (2023), run hm_230821.151836

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