

Table E16.cap. Electricity installed generating capacity: China, Low 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	-36.5%
Natural gas	106	144	153	154	164	193	202	2.3%
Coal	1,164	1,203	1,198	1,198	1,198	1,198	1,198	0.1%
Nuclear	55	59	77	96	114	129	142	3.5%
Renewables	1,165	1,434	1,686	1,743	1,808	1,856	1,871	1.7%
Hydro	359	375	398	412	425	437	447	0.8%
Wind	356	380	421	460	507	538	538	1.5%
Geothermal	0	0	0	0	0	0	0	0.1%
Solar	420	650	837	841	846	851	855	2.6%
Other	30	30	30	30	30	30	30	0.0%
Battery storage	46	47	51	57	64	72	76	1.8%
Pumped hydro	47	72	83	84	84	84	84	2.1%
Total capacity	2,587	2,964	3,248	3,333	3,433	3,532	3,574	1.2%

Data source: U.S. Energy Information Administration, World Energy Projection System (2023), run Im_230821.151939

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