

Table E13.cap. Electricity installed generating capacity: China, High Economic Growth case

gigawatts

Fuel								Average annual percentage change, 2020–2050
	2020	2025	2030	2035	2040	2045	2050	
Liquid fuels	7	7	1	0	0	0	0	-14.5
Natural gas	88	168	298	335	358	389	413	5.3
Coal	1,087	1,101	1,101	1,101	1,101	1,101	1,103	0.0
Nuclear	48	59	77	96	113	129	143	3.7
Renewables	691	1,084	1,428	1,914	2,445	2,936	3,292	5.3
Hydro	322	365	398	417	417	417	417	0.9
Wind	184	304	403	473	473	473	473	3.2
Geothermal	0	0	0	0	0	0	0	0.0
Solar	169	399	605	997	1,528	2,019	2,375	9.2
Other	15	15	22	27	27	27	27	1.9
Battery storage	0	0	0	80	252	416	529	--
Total capacity	1,921	2,419	2,904	3,526	4,269	4,971	5,480	3.6

Sources: U.S. Energy Information Administration (EIA), World Energy Projection System (2021), run hm_210719.163753.

Notes:

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