

Table E13.cap. Electricity installed generating capacity: China, Reference 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	-14.3
Natural gas	88	138	231	282	293	308	316	4.3
Coal	1,087	1,101	1,101	1,101	1,101	1,101	1,101	0.0
Nuclear	48	59	77	96	113	129	143	3.7
Renewables	691	1,077	1,342	1,559	1,829	2,107	2,257	4.0
Hydro	322	365	385	398	417	417	417	0.9
Wind	184	298	333	333	333	333	333	2.0
Geothermal	0	0	0	0	0	0	0	0.0
Solar	169	399	602	801	1,052	1,330	1,480	7.5
Other	15	15	22	27	27	27	27	1.9
Battery storage	0	0	0	37	127	229	291	--
Total capacity	1,921	2,381	2,751	3,074	3,463	3,874	4,108	2.6

Sources: U.S. Energy Information Administration (EIA), World Energy Projection System (2021), run r_210719.163829.

Notes:

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