

Table E13.cap. Electricity installed generating capacity: China, High Oil Price case

gigawatts

Fuel	2020	2025	2030	2035	2040	2045
Liquid fuels	7	7	1	0	0	0
Natural gas	88	159	310	362	384	420
Coal	1,087	1,101	1,101	1,101	1,101	1,101
Nuclear	48	59	77	96	113	129
Renewables	691	1,084	1,427	1,912	2,423	2,933
Hydro	322	365	398	417	417	417
Wind	184	304	405	480	480	480
Geothermal	0	0	0	0	0	0
Solar	169	399	602	988	1,499	2,009
Other	15	15	22	27	27	27
Battery storage	0	0	0	70	245	413
Total capacity	1,921	2,409	2,916	3,541	4,265	4,996

Sources: U.S. Energy Information Administration (EIA), World Energy Projection System (2021), run hp_210719.163813.

Notes:

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

Average annual percentage change, 2020–2050	
2050	2020–2050
0	-14.9
454	5.6
1,101	0.0
143	3.7
3,354	5.4
417	0.9
480	3.2
0	0.0
2,430	9.3
27	1.9
549	--
5,600	3.6