

Table E13.gen. Electricity generation: China, High Economic Growth case

billion kilowatthours

Fuel	2020	2025	2030	2035	2040	2045	2050	Average annual percentage change, 2020–2050
Liquid fuels	10	10	2	0	0	0	0	-14.5
Natural gas	267	635	1,129	850	917	1,001	1,084	4.8
Coal	4,313	4,224	3,614	3,676	3,575	3,557	3,560	-0.6
Nuclear	331	416	538	674	795	905	1,002	3.8
Renewables	1,973	3,008	3,892	5,075	6,335	7,494	8,341	4.9
Hydro	1,117	1,266	1,381	1,448	1,448	1,448	1,448	0.9
Wind	574	916	1,177	1,352	1,352	1,352	1,352	2.9
Geothermal	0	0	0	0	0	0	0	0.0
Solar	281	825	1,311	2,238	3,493	4,654	5,496	10.4
Other	0	0	23	38	42	40	45	--
Net generation to grid	6,893	8,293	9,177	10,275	11,621	12,958	13,987	2.4

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.

* *Net generation to grid* represents gross generation less losses from thermal efficiency and parasitic load.