

Table E16.gen. Electricity generation: China, Low Economic Growth case

billion kilowatthours

Fuel	2022	2025	2030	2035	2040	2045	2050	Average annual percentage change, 2022–2050
Liquid fuels	13	12	1	0	0	0	0	-100.0%
Natural gas	302	357	379	392	417	491	514	1.9%
Coal	5,248	5,018	4,740	4,612	4,395	4,157	3,962	-1.0%
Nuclear	383	416	538	674	799	903	998	3.5%
Renewables	2,573	3,066	3,554	3,717	3,929	4,109	4,216	1.8%
Hydro	1,221	1,300	1,379	1,428	1,474	1,515	1,551	0.9%
Wind	653	724	842	958	1,107	1,203	1,203	2.2%
Geothermal	0	0	0	0	0	0	0	0.1%
Solar	575	988	1,291	1,299	1,305	1,307	1,319	3.0%
Other	123	54	42	31	43	83	142	0.5%
Net generation to grid	8,519	8,869	9,214	9,395	9,539	9,661	9,691	0.5%

Data source: U.S. Energy Information Administration, World Energy Projection System (2023), run lm_230821.151939

Note: Totals may not equal sum of components due to independent rounding. Net generation to grid represents gross generation minus losses from thermal efficiency and parasitic load.