

Table E16.gen. Electricity generation: China, Low Oil Price 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	-16.8%
Natural gas	302	357	403	499	722	963	1,164	4.9%
Coal	5,248	5,203	5,298	5,327	5,063	4,848	4,813	-0.3%
Nuclear	383	416	538	674	799	903	998	3.5%
Renewables	2,573	3,058	3,561	3,836	4,339	4,803	4,910	2.3%
Hydro	1,221	1,300	1,379	1,428	1,474	1,515	1,551	0.9%
Wind	653	724	863	1,044	1,397	1,729	1,748	3.6%
Geothermal	0	0	0	0	0	0	0	0.1%
Solar	575	980	1,277	1,332	1,434	1,432	1,442	3.3%
Other	123	54	42	31	34	127	169	1.1%
Net generation to grid	8,519	9,046	9,802	10,335	10,923	11,517	11,886	1.2%

Data source: U.S. Energy Information Administration, World Energy Projection System (2023), run Ip_230823.090253

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.