

Table E17.gen. Electricity generation: India, Low Economic Growth case

billion kilowatthours

Fuel	2022	2025	2030	2035	2040	2045	2050	Average annual percentage change, 2022–2050
Liquid fuels	4	4	1	0	0	0	0	-14.7%
Natural gas	78	73	75	87	88	88	88	0.4%
Coal	1,240	1,274	1,473	1,452	1,473	1,473	1,351	0.3%
Nuclear	41	42	52	67	70	70	70	1.9%
Renewables	395	548	742	1,175	1,590	2,134	2,702	7.1%
Hydro	154	195	197	199	201	203	205	1.0%
Wind	119	159	205	290	377	377	377	4.2%
Geothermal	0	0	0	0	0	0	0	0.0%
Solar	99	176	323	673	1,011	1,554	2,119	11.6%
Other	23	18	16	14	0	0	0	-100.0%
Net generation to grid	1,757	1,941	2,342	2,781	3,220	3,765	4,210	3.2%

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.