

Table E17.gen. Electricity generation: India, High 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	131	131	131	131	131	1.9%
Coal	1,240	1,245	1,473	1,535	1,645	1,530	1,419	0.5%
Nuclear	41	42	52	67	70	70	70	1.9%
Renewables	395	621	949	1,637	2,363	3,516	4,711	9.3%
Hydro	154	195	197	199	201	203	205	1.0%
Wind	119	217	340	561	790	790	790	7.0%
Geothermal	0	0	0	0	0	0	0	0.0%
Solar	99	190	396	863	1,372	2,523	3,716	13.8%
Other	23	18	16	14	0	0	0	-100.0%
Net generation to grid	1,757	1,985	2,606	3,369	4,209	5,246	6,330	4.7%

Data source: U.S. Energy Information Administration, World Energy Projection System (2023), run hm_230821.151836

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.