

Table E17.cap. Electricity installed generating capacity: India, High Economic Growth case

gigawatts

Fuel	2022	2025	2030	2035	2040	2045	2050	Average annual percentage change, 2022–2050
Liquid fuels	6	6	1	0	0	0	0	-14.5%
Natural gas	31	31	55	60	66	66	66	2.8%
Coal	291	310	310	327	349	349	349	0.7%
Nuclear	7	7	9	11	12	12	12	1.9%
Renewables	158	247	384	670	978	1,466	1,971	9.4%
Hydro	50	64	64	65	66	66	67	1.0%
Wind	39	76	125	213	305	305	305	7.6%
Geothermal	0	0	0	0	0	0	0	--
Solar	58	96	184	381	597	1,083	1,588	12.5%
Other	11	11	11	11	11	11	11	0.1%
Battery storage	0	3	40	138	236	509	783	--
Pumped hydro	5	6	6	6	6	6	6	1.0%
Total capacity	498	611	806	1,214	1,647	2,408	3,187	6.9%

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.