

Table E17.cap. Electricity installed generating capacity: India, Reference 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	36	46	56	56	56	2.2%
Coal	291	310	310	310	310	310	310	0.2%
Nuclear	7	7	9	11	12	12	12	1.9%
Renewables	158	237	352	612	868	1,175	1,498	8.4%
Hydro	50	64	64	65	66	66	67	1.0%
Wind	39	68	104	177	250	250	250	6.9%
Geothermal	0	0	0	0	0	0	0	--
Solar	58	94	172	359	541	848	1,170	11.3%
Other	11	11	11	11	11	11	11	0.1%
Battery storage	0	3	37	122	208	384	561	--
Pumped hydro	5	6	6	6	6	6	6	1.0%
Total capacity	498	600	752	1,109	1,460	1,944	2,443	5.8%

Data source: U.S. Energy Information Administration, World Energy Projection System (2023), run r_230822.081459

Note: Totals may not equal sum of components due to independent rounding.