

Table E17.cap. Electricity installed generating capacity: India, High Zero-carbon Technology Cost 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	46	53	60	60	60	2.4%
Coal	291	310	310	322	338	338	338	0.5%
Nuclear	7	7	9	11	12	12	12	1.9%
Renewables	158	232	330	542	751	1,060	1,382	8.0%
Hydro	50	64	64	65	66	66	67	1.0%
Wind	39	66	103	168	236	332	427	8.9%
Geothermal	0	0	0	0	0	0	0	--
Solar	58	91	152	297	438	651	877	10.2%
Other	11	11	11	11	11	11	11	0.1%
Battery storage	0	3	27	92	157	279	402	--
Pumped hydro	5	6	6	6	6	6	6	1.0%
Total capacity	498	595	730	1,027	1,325	1,757	2,201	5.5%

Data source: U.S. Energy Information Administration, World Energy Projection System (2023), run hz_230821.151430

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