

Table E2.cap. Electricity installed generating capacity: Americas, Reference case

gigawatts

Fuel	2022	2025	2030	2035	2040	2045	2050	Average annual percentage change, 2022–2050
Liquid fuels	141	127	88	65	58	55	55	-3.3%
Natural gas	629	659	734	778	813	847	905	1.3%
Coal	227	193	124	118	111	112	108	-2.6%
Nuclear	114	115	112	105	92	89	87	-1.0%
Renewables	788	969	1,299	1,497	1,658	1,859	2,095	3.6%
Hydro	362	376	383	386	388	389	391	0.3%
Wind	200	238	374	435	469	519	578	3.9%
Geothermal	4	4	5	6	6	7	7	1.9%
Solar	159	288	472	604	728	877	1,051	7.0%
Other	62	63	64	65	66	67	68	0.3%
Battery storage	6	18	32	55	99	136	164	12.3%
Pumped hydro	23	23	23	23	23	23	23	0.0%
Total capacity	1,929	2,104	2,411	2,639	2,853	3,121	3,435	2.1%

Data source: U.S. Energy Information Administration, World Energy Projection System (2023), run r_230822.081459 and Annual Energy Outlook 2023 (March 2023), www.eia.gov/aeo

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