

Table E2.cap. Electricity installed generating capacity: Americas, Low Economic Growth case

gigawatts

Fuel	2022	2025	2030	2035	2040	2045	2050	Average annual percentage change, 2022–2050
Liquid fuels	141	129	88	66	62	59	58	-3.1%
Natural gas	629	655	721	756	777	802	849	1.1%
Coal	227	190	117	104	93	98	101	-2.9%
Nuclear	114	115	112	103	88	85	82	-1.2%
Renewables	788	967	1,298	1,520	1,638	1,792	1,938	3.3%
Hydro	362	376	382	386	387	389	390	0.3%
Wind	200	237	383	447	480	518	544	3.6%
Geothermal	4	4	5	6	6	7	7	1.8%
Solar	159	287	464	617	699	814	931	6.5%
Other	62	62	64	64	65	65	66	0.2%
Battery storage	6	18	33	56	98	124	154	12.1%
Pumped hydro	23	23	23	23	23	23	23	0.0%
Total capacity	1,929	2,098	2,391	2,628	2,779	2,982	3,205	1.8%

Data source: U.S. Energy Information Administration, World Energy Projection System (2023), run Im_230821.151939 and Annual Energy Outlook 2023 (March 2023), www.eia.gov/aeo

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