

Table E3.cap. Electricity installed generating capacity: United States, Low Economic Growth case

gigawatts

Fuel	2022	2025	2030	2035	2040	2045	2050	Average annual percentage change, 2022–2050
Liquid fuels	75	62	59	56	59	58	58	-0.9%
Natural gas	445	462	517	553	579	605	645	1.3%
Coal	201	164	98	85	70	69	69	-3.8%
Nuclear	95	96	92	83	72	72	71	-1.0%
Renewables	389	541	855	1,054	1,139	1,256	1,369	4.6%
Hydro	79	79	80	80	80	80	80	0.0%
Wind	145	171	310	359	367	381	391	3.6%
Geothermal	3	3	3	3	4	4	5	2.2%
Solar	125	250	425	574	650	752	854	7.1%
Other	37	37	38	38	39	39	39	0.2%
Battery storage	6	18	33	56	98	124	153	12.1%
Pumped hydro	22	22	22	22	22	22	22	0.0%
Total capacity	1,234	1,365	1,678	1,909	2,038	2,207	2,387	2.4%

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.