

Table E3.cap. Electricity installed generating capacity: United States, High Oil Price case

gigawatts

Fuel	2022	2025	2030	2035	2040	2045	2050	Average annual percentage change, 2022–2050
Liquid fuels	75	65	69	66	62	60	54	-1.1%
Natural gas	445	465	543	604	646	670	700	1.6%
Coal	201	164	91	80	69	63	63	-4.0%
Nuclear	95	96	93	85	74	72	72	-1.0%
Renewables	389	542	789	940	1,128	1,307	1,460	4.8%
Hydro	79	79	80	80	80	80	80	0.0%
Wind	145	171	274	297	310	328	355	3.2%
Geothermal	3	3	3	3	3	4	5	2.1%
Solar	125	251	395	521	694	854	979	7.6%
Other	37	38	38	39	40	41	42	0.4%
Battery storage	6	19	34	56	99	151	193	13.0%
Pumped hydro	22	22	22	22	22	22	22	0.0%
Total capacity	1,234	1,374	1,641	1,852	2,100	2,346	2,565	2.6%

Data source: U.S. Energy Information Administration, World Energy Projection System (2023), run hp_230822.081357 and Annual Energy Outlook 2023 (March 2023), www.eia.gov/aeo

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