

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

gigawatts

Fuel	2022	2025	2030	2035	2040	2045	2050	Average annual percentage change, 2022–2050
Liquid fuels	75	59	58	53	53	53	53	-1.3%
Natural gas	445	463	509	538	565	601	651	1.4%
Coal	201	171	111	100	89	88	88	-2.9%
Nuclear	95	96	93	85	81	78	78	-0.7%
Renewables	389	542	895	1,018	1,116	1,220	1,343	4.5%
Hydro	79	79	80	80	80	80	80	0.0%
Wind	145	171	296	334	340	344	354	3.2%
Geothermal	3	3	3	4	4	5	5	2.6%
Solar	125	252	478	562	653	751	863	7.1%
Other	37	37	38	39	39	40	41	0.3%
Battery storage	6	17	39	65	101	132	160	12.2%
Pumped hydro	22	22	22	22	22	22	22	0.0%
Total capacity	1,234	1,370	1,727	1,883	2,026	2,193	2,393	2.4%

Data source: U.S. Energy Information Administration, World Energy Projection System (2023), run Ip_230823.090253 and Annual Energy Outlook 2023 (March 2023), www.eia.gov/aeo

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