

Table E1.cap. Electricity installed generating capacity: World, Low Oil Price case

gigawatts

Fuel	2022	2025	2030	2035	2040	2045	2050	Average annual percentage change, 2022–2050
Liquid fuels	391	377	223	145	111	100	96	-4.9%
Natural gas	1,931	2,042	2,156	2,229	2,379	2,565	2,739	1.3%
Coal	2,271	2,322	2,185	2,199	2,229	2,258	2,292	0.0%
Nuclear	400	425	423	446	456	458	470	0.6%
Renewables	3,297	4,075	5,059	5,724	6,528	7,425	8,212	3.3%
Hydro	1,211	1,317	1,376	1,416	1,437	1,462	1,483	0.7%
Wind	873	1,031	1,324	1,547	1,813	2,008	2,073	3.1%
Geothermal	15	17	27	30	34	34	35	3.1%
Solar	1,019	1,505	2,113	2,506	3,005	3,676	4,369	5.3%
Other	179	205	218	224	239	245	252	1.2%
Battery storage	52	70	130	247	385	665	953	10.9%
Pumped hydro	169	200	211	213	213	213	213	0.8%
Total capacity	8,511	9,511	10,387	11,203	12,302	13,685	14,975	2.0%

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.