

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

gigawatts

Fuel	2022	2025	2030	2035	2040	2045	2050	Average annual percentage change, 2022–2050
Liquid fuels	391	383	234	158	121	107	98	-4.8%
Natural gas	1,931	2,045	2,178	2,308	2,468	2,678	2,847	1.4%
Coal	2,271	2,316	2,164	2,172	2,214	2,255	2,282	0.0%
Nuclear	400	425	423	445	449	452	464	0.5%
Renewables	3,297	4,068	4,934	5,613	6,492	7,463	8,370	3.4%
Hydro	1,211	1,317	1,376	1,417	1,437	1,467	1,508	0.8%
Wind	873	1,027	1,292	1,492	1,757	1,973	2,081	3.2%
Geothermal	15	17	27	30	33	34	34	3.1%
Solar	1,019	1,502	2,021	2,449	3,025	3,744	4,493	5.4%
Other	179	205	218	225	240	246	253	1.2%
Battery storage	52	71	124	238	386	699	1,041	11.3%
Pumped hydro	169	200	211	213	213	213	213	0.8%
Total capacity	8,511	9,508	10,269	11,147	12,343	13,867	15,315	2.1%

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.