

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

gigawatts

Fuel	2020	2025	2030	2035	2040	2045	2050	Average annual percentage change, 2020–2050
Liquid fuels	362	346	182	108	78	64	57	-6.0
Natural gas	1,839	2,066	2,296	2,388	2,505	2,659	2,862	1.5
Coal	2,201	2,202	2,167	2,200	2,304	2,435	2,566	0.5
Nuclear	374	419	411	430	437	427	429	0.5
Renewables	2,394	3,636	4,880	6,352	7,937	9,560	11,213	5.3
Hydro	1,120	1,275	1,374	1,431	1,481	1,557	1,609	1.2
Wind	595	958	1,297	1,753	2,215	2,586	2,841	5.4
Geothermal	13	19	27	30	33	34	35	3.3
Solar	511	1,205	1,968	2,903	3,968	5,133	6,470	8.8
Other	155	180	213	234	241	249	258	1.7
Battery storage	3	11	73	229	530	905	1,359	22.4
Total capacity	7,172	8,679	10,009	11,708	13,792	16,049	18,487	3.2

Sources: U.S. Energy Information Administration (EIA), World Energy Projection System (2021), run hp_210719.163813; and EIA, *Annual Energy Outlook 2021*, (February 2021), www.eia.gov/aeo

Notes:

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