

Table E1.cap. Electricity installed generating capacity: World, High Economic Growth case

gigawatts

Fuel	2020	2025	2030	2035	2040	2045	2050	Average annual percentage change, 2020–2050
Liquid fuels	362	348	183	116	90	76	69	-5.4
Natural gas	1,839	2,066	2,269	2,318	2,428	2,549	2,718	1.3
Coal	2,201	2,212	2,177	2,199	2,261	2,339	2,464	0.4
Nuclear	374	419	414	434	441	430	434	0.5
Renewables	2,394	3,612	4,768	6,175	7,745	9,438	10,924	5.2
Hydro	1,120	1,274	1,369	1,424	1,469	1,545	1,601	1.2
Wind	595	950	1,284	1,739	2,193	2,522	2,746	5.2
Geothermal	13	19	26	29	33	34	35	3.3
Solar	511	1,189	1,875	2,749	3,809	5,089	6,283	8.7
Other	155	180	213	234	240	248	258	1.7
Battery storage	3	11	62	196	455	825	1,135	21.7
Total capacity	7,172	8,667	9,873	11,439	13,420	15,657	17,744	3.1

Sources: U.S. Energy Information Administration (EIA), World Energy Projection System (2021), run hm_210719.163753; and EIA, *Annual Energy Outlook 2021*, (February 2021), www.eia.gov/aeo

Notes:

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