

Table E3.cap. Electricity installed generating capacity: United States, Reference case

gigawatts

Fuel	2020	2025	2030	2035	2040	2045	2050	Average annual percentage change, 2020–2050
Liquid fuels	74	57	48	44	45	45	45	-1.7
Natural gas	429	510	558	602	653	715	788	2.1
Coal	221	140	122	114	109	106	106	-2.4
Nuclear	97	92	77	74	72	73	72	-1.0
Renewables	331	486	584	667	726	799	888	3.3
Hydro	79	80	80	80	80	80	80	0.0
Wind	127	198	210	226	228	233	241	2.2
Geothermal	2	3	4	4	5	6	7	3.4
Solar	84	167	252	317	372	439	519	6.2
Other	38	39	39	40	41	41	42	0.3
Battery storage	3	11	13	16	16	18	21	6.5
Total capacity	1,155	1,296	1,401	1,518	1,622	1,756	1,919	1.7

Sources: U.S. Energy Information Administration (EIA), World Energy Projection System (2021), run r_210719.163829; and EIA, *Annual Energy Outlook 2021*, (February 2021), www.eia.gov/aeo

Notes:

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