

**Table E2.cap. Electricity installed generating capacity: Americas, High Economic Growth case**

gigawatts

<b>Fuel</b>	<b>2022</b>	<b>2025</b>	<b>2030</b>	<b>2035</b>	<b>2040</b>	<b>2045</b>	<b>2050</b>	<b>Average annual percentage change, 2022–2050</b>
Liquid fuels	141	127	87	64	57	54	52	-3.5%
Natural gas	629	657	749	812	859	907	963	1.5%
Coal	227	194	132	128	123	123	123	-2.2%
Nuclear	114	115	111	105	94	91	89	-0.9%
Renewables	788	970	1,278	1,501	1,724	1,937	2,211	3.8%
Hydro	362	376	383	387	389	390	392	0.3%
Wind	200	238	365	430	480	551	621	4.1%
Geothermal	4	4	5	6	6	7	7	1.9%
Solar	159	289	459	613	781	920	1,122	7.2%
Other	62	63	65	66	67	68	69	0.4%
Battery storage	6	19	34	59	100	149	201	13.2%
Pumped hydro	23	23	23	23	23	23	23	0.0%
<b>Total capacity</b>	<b>1,929</b>	<b>2,104</b>	<b>2,414</b>	<b>2,692</b>	<b>2,980</b>	<b>3,283</b>	<b>3,662</b>	<b>2.3%</b>

Data source: U.S. Energy Information Administration, World Energy Projection System (2023), run hm\_230821.151836 and Annual Energy Outlook 2023 (March 2023), [www.eia.gov/aeo](http://www.eia.gov/aeo)

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