

Table E12.cap. Electricity installed generating capacity: Asia Pacific, Low Zero-carbon Technology Cost case

gigawatts

Fuel	2022	2025	2030	2035	2040	2045	2050	Average annual percentage change, 2022–2050
Liquid fuels	93	93	44	25	14	10	8	-8.2%
Natural gas	460	520	530	514	550	547	556	0.7%
Coal	1,725	1,803	1,781	1,778	1,780	1,796	1,796	0.1%
Nuclear	108	126	144	171	191	232	315	3.9%
Renewables	1,633	2,038	2,493	3,105	3,988	4,861	5,757	4.6%
Hydro	523	577	620	648	665	678	689	1.0%
Wind	417	478	576	744	1,008	1,240	1,377	4.4%
Geothermal	6	6	9	10	11	11	11	2.0%
Solar	628	913	1,222	1,635	2,229	2,857	3,605	6.4%
Other	59	65	66	67	75	75	75	0.9%
Battery storage	46	51	102	239	404	737	1,084	11.9%
Pumped hydro	91	120	131	133	133	133	133	1.3%
Total capacity	4,158	4,751	5,225	5,964	7,059	8,315	9,649	3.1%

Data source: U.S. Energy Information Administration, World Energy Projection System (2023), run lz_230821.151531

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