

Table E12.cap. Electricity installed generating capacity: Asia Pacific, High Economic Growth case

gigawatts

Fuel	2022	2025	2030	2035	2040	2045	2050	Average annual percentage change, 2022–2050
Liquid fuels	93	93	45	25	15	11	9	-8.0%
Natural gas	460	522	581	627	796	997	1,203	3.5%
Coal	1,725	1,803	1,785	1,843	1,903	1,977	2,030	0.6%
Nuclear	108	126	146	168	183	193	206	2.3%
Renewables	1,633	2,045	2,517	3,316	4,125	4,899	5,549	4.5%
Hydro	523	577	620	649	666	689	721	1.2%
Wind	417	493	630	865	1,181	1,373	1,403	4.4%
Geothermal	6	6	9	10	11	11	11	2.0%
Solar	628	904	1,191	1,725	2,192	2,750	3,338	6.1%
Other	59	65	66	67	75	75	76	0.9%
Battery storage	46	53	99	220	332	636	943	11.4%
Pumped hydro	91	120	131	133	133	133	133	1.3%
Total capacity	4,158	4,761	5,303	6,332	7,487	8,845	10,074	3.2%

Data source: U.S. Energy Information Administration, World Energy Projection System (2023), run hm_230821.151836

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