

Table E12.cap. Electricity installed generating capacity: Asia Pacific, High 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	11	9	-8.1%
Natural gas	460	520	550	553	613	716	777	1.9%
Coal	1,725	1,803	1,781	1,806	1,861	1,903	1,947	0.4%
Nuclear	108	126	146	168	183	193	206	2.3%
Renewables	1,633	2,033	2,444	2,833	3,317	3,840	4,236	3.5%
Hydro	523	577	620	651	666	679	691	1.0%
Wind	417	483	585	750	986	1,241	1,362	4.3%
Geothermal	6	6	9	10	11	11	11	2.0%
Solar	628	902	1,163	1,355	1,580	1,835	2,097	4.4%
Other	59	65	66	67	75	75	75	0.9%
Battery storage	46	52	85	155	234	366	494	8.8%
Pumped hydro	91	120	131	133	133	133	133	1.3%
Total capacity	4,158	4,747	5,182	5,673	6,355	7,162	7,802	2.3%

Data source: U.S. Energy Information Administration, World Energy Projection System (2023), run hz_230821.151430

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