

Table E18.cap. Electricity installed generating capacity: Other 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	40	41	22	12	6	2	0	-14.9%
Natural gas	160	175	176	157	140	140	140	-0.5%
Coal	136	151	151	166	205	247	291	2.8%
Nuclear	6	8	5	5	5	5	5	-0.2%
Renewables	133	176	215	279	357	385	404	4.1%
Hydro	78	100	118	134	135	136	137	2.0%
Wind	5	10	15	31	37	38	38	7.6%
Geothermal	4	4	7	8	9	9	9	2.6%
Solar	35	46	57	88	150	176	194	6.3%
Other	10	16	17	18	26	26	26	3.4%
Battery storage	0	0	0	0	0	0	0	0.0%
Pumped hydro	5	5	5	5	5	5	5	0.0%
Total capacity	480	555	574	623	718	784	845	2.0%

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.