

Table E18.gen. Electricity generation: Other Asia Pacific, High Economic Growth case

billion kilowatthours

Fuel	2022	2025	2030	2035	2040	2045	2050	Average annual percentage change, 2022–2050
Liquid fuels	52	53	29	15	8	3	1	-14.8%
Natural gas	641	699	703	627	627	627	627	-0.1%
Coal	706	674	920	1,169	1,402	1,763	2,073	3.9%
Nuclear	43	36	36	36	36	36	36	-0.6%
Renewables	369	494	639	836	1,042	1,160	1,335	4.7%
Hydro	258	326	393	439	447	491	566	2.8%
Wind	15	20	39	91	102	105	107	7.4%
Geothermal	1	32	55	61	65	65	65	17.9%
Solar	58	85	124	223	419	498	596	8.6%
Other	37	32	28	22	9	0	0	-14.7%
Net generation to grid	1,812	1,956	2,326	2,683	3,115	3,589	4,072	2.9%

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. Net generation to grid represents gross generation minus losses from thermal efficiency and parasitic load.