

Table E18.gen. Electricity generation: Other Asia Pacific, Low Zero-carbon Technology Cost case

billion kilowatthours

Fuel	2022	2025	2030	2035	2040	2045	2050	Average annual percentage change, 2022–2050
Liquid fuels	52	53	28	15	8	3	1	-14.8%
Natural gas	641	699	703	627	571	571	571	-0.4%
Coal	706	638	811	920	927	1,025	1,025	1.3%
Nuclear	43	53	53	53	53	53	53	0.8%
Renewables	369	493	646	867	1,223	1,448	1,795	5.8%
Hydro	258	326	393	434	443	446	446	2.0%
Wind	15	19	38	94	197	304	507	13.5%
Geothermal	1	32	55	61	65	65	65	17.9%
Solar	58	84	131	258	515	632	775	9.7%
Other	37	32	28	22	2	1	1	-13.6%
Net generation to grid	1,812	1,937	2,241	2,482	2,782	3,101	3,445	2.3%

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