

Table E15.gen. Electricity generation: Australia and New Zealand, Low Zero-carbon Technology Cost case

billion kilowatthours

Fuel	2022	2025	2030	2035	2040	2045	2050	Average annual percentage change, 2022–2050
Liquid fuels	4	4	0	0	0	0	0	-12.4%
Natural gas	56	52	52	41	32	25	25	-2.8%
Coal	111	104	123	129	135	126	129	0.5%
Nuclear	0	0	0	0	0	0	0	0.0%
Renewables	127	149	167	198	231	279	306	3.2%
Hydro	36	41	45	45	45	45	45	0.8%
Wind	42	57	67	89	100	103	104	3.3%
Geothermal	9	9	9	9	9	9	9	0.0%
Solar	38	41	45	55	77	122	148	5.0%
Other	2	1	1	0	0	0	0	-10.0%
Net generation to grid	298	308	341	369	398	429	461	1.6%

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.