International Energy Outlook 2023

Release date: October 2023

Table E15.cap. Electricity installed generating capacity: Australia and New Zealand, Low Zero-carbon Technology Cost case

gigawatts

Fuel	2022	2025	2030	2035	2040	2045	2050	Average annual percentage change, 2022–2050
Liquid fuels	2	2	0	0	0	0	0	-12.1%
Natural gas	25	25	25	20	15	12	12	-2.6%
Coal	28	28	28	28	28	28	28	0.0%
Nuclear	0	0	0	0	0	0	0	0.0%
Renewables	48	56	62	73	85	105	117	3.2%
Hydro	12	14	16	16	16	16	16	1.1%
Wind	11	16	19	25	28	29	30	3.5%
Geothermal	1	1	1	1	1	1	1	0.0%
Solar	23	24	26	30	39	58	70	4.0%
Other	1	1	1	1	1	1	1	0.1%
Battery storage	0	0	0	0	1	8	13	--
Pumped hydro	2	4	4	4	4	4	4	3.1%
Total capacity	105	114	120	125	133	157	174	1.8%

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.