

Table E13.cap. Electricity installed generating capacity: Japan, Low Zero-carbon Technology Cost case

gigawatts

Fuel	2022	2025	2030	2035	2040	2045	2050	Average annual percentage change, 2022–2050
Liquid fuels	35	35	19	11	7	7	7	-5.8%
Natural gas	95	101	101	89	79	73	73	-0.9%
Coal	64	65	42	40	40	40	40	-1.7%
Nuclear	14	20	25	25	25	25	25	2.1%
Renewables	108	112	117	125	139	153	166	1.6%
Hydro	22	22	22	22	22	22	22	0.0%
Wind	4	4	4	5	13	21	28	6.9%
Geothermal	0	0	0	0	0	0	0	0.0%
Solar	76	81	86	93	99	105	111	1.3%
Other	5	5	5	5	5	5	5	0.1%
Battery storage	0	0	0	0	0	0	0	0.0%
Pumped hydro	28	28	28	28	28	28	28	0.0%
Total capacity	344	361	332	318	318	326	339	-0.1%

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.