

Table E13.cap. Electricity installed generating capacity: Japan, High Economic Growth 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	-5.6%
Natural gas	95	101	101	89	79	71	71	-1.1%
Coal	64	65	42	42	42	56	59	-0.3%
Nuclear	14	20	25	25	21	18	18	0.9%
Renewables	108	112	120	133	148	162	175	1.7%
Hydro	22	22	22	22	22	22	22	0.0%
Wind	4	4	7	13	21	29	36	7.9%
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	362	334	328	325	341	357	0.1%

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.