

Table E13.gen. Electricity generation: Japan, High Economic Growth case

billion kilowatthours

Fuel	2022	2025	2030	2035	2040	2045	2050	Average annual percentage change, 2022–2050
Liquid fuels	29	29	15	9	6	6	6	-5.6%
Natural gas	363	383	383	339	322	268	268	-1.1%
Coal	291	283	167	188	188	250	261	-0.4%
Nuclear	78	115	139	139	121	102	102	0.9%
Renewables	210	203	261	288	343	375	400	2.3%
Hydro	72	83	86	86	86	86	86	0.6%
Wind	8	8	21	37	59	79	98	9.5%
Geothermal	3	3	3	4	4	4	4	0.8%
Solar	105	101	143	154	164	173	182	2.0%
Other	23	8	8	7	31	34	31	1.1%
Net generation to grid	972	1,014	965	963	980	1,002	1,037	0.2%

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