

Table E14.cap. Electricity installed generating capacity: South Korea, High Economic Growth case

gigawatts

Fuel	2022	2025	2030	2035	2040	2045	2050	Average annual percentage change, 2022–2050
Liquid fuels	5	5	2	2	2	2	2	-3.7%
Natural gas	43	46	46	41	38	38	38	-0.5%
Coal	43	46	46	46	46	46	46	0.3%
Nuclear	27	31	31	31	31	29	29	0.2%
Renewables	22	28	37	56	75	92	99	5.6%
Hydro	2	2	2	2	2	2	2	1.1%
Wind	2	8	16	36	55	71	78	14.2%
Geothermal	0	0	0	0	0	0	0	--
Solar	16	16	16	16	16	16	16	0.0%
Other	2	2	2	2	2	2	4	1.4%
Battery storage	0	0	0	0	0	0	1	--
Pumped hydro	5	5	5	5	5	5	5	0.0%
Total capacity	144	159	165	180	196	211	219	1.5%

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.