

Table E14.cap. Electricity installed generating capacity: South Korea, Low Zero-carbon Technology Cost case

gigawatts

Fuel	2022	2025	2030	2035	2040	2045	2050	Average annual percentage change, 2022–2050
Liquid fuels	5	5	2	2	1	1	1	-4.7%
Natural gas	43	46	46	40	37	34	34	-0.9%
Coal	43	46	46	46	46	46	46	0.3%
Nuclear	27	31	31	31	31	29	29	0.2%
Renewables	22	27	33	47	61	83	95	5.4%
Hydro	2	2	2	2	2	2	2	1.1%
Wind	2	7	13	27	41	63	75	14.0%
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	2	0.0%
Battery storage	0	0	0	0	0	0	1	--
Pumped hydro	5	5	5	5	5	5	5	0.0%
Total capacity	144	158	162	170	180	198	210	1.4%

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.