

Table E8.cap. Electricity installed generating capacity: South Korea, Reference case

gigawatts

Fuel	2020	2025	2030	2035	2040	2045	2050	Average annual percentage change, 2020–2050
Liquid fuels	5	5	1	0	0	0	0	-14.0
Natural gas	46	49	49	42	39	37	37	-0.7
Coal	42	44	44	44	44	44	44	0.2
Nuclear	24	36	31	30	26	25	25	0.1
Renewables	13	21	34	53	85	114	122	7.9
Hydro	1	2	2	2	2	2	2	1.1
Wind	1	5	13	30	62	91	100	15.2
Geothermal	0	0	0	0	0	0	0	--
Solar	7	11	15	17	17	17	17	3.0
Other	3	3	4	4	4	4	4	1.1
Battery storage	0	0	0	0	0	0	0	0.0
Total capacity	130	156	159	171	195	220	228	1.9

Sources: U.S. Energy Information Administration (EIA), World Energy Projection System (2021), run r_210719.163829.

Notes:

* Totals may not equal sum of components due to independent rounding.