

Table E8.gen. Electricity generation: South Korea, High Economic Growth case

billion kilowatthours

Fuel	2020	2025	2030	2035	2040	2045	2050	Average annual percentage change, 2020–2050
Liquid fuels	13	12	2	0	0	0	0	-14.2
Natural gas	173	205	231	214	195	152	151	-0.4
Coal	159	143	142	149	156	159	159	0.0
Nuclear	178	228	228	226	196	186	183	0.1
Renewables	27	39	62	104	174	253	285	8.2
Hydro	3	4	4	5	5	5	5	1.1
Wind	3	9	24	55	121	201	233	16.2
Geothermal	0	0	0	0	0	0	0	--
Solar	10	16	21	30	36	36	36	4.4
Other	11	10	13	14	13	11	11	0.1
Net generation to grid	549	627	665	694	721	750	777	1.2

Sources: U.S. Energy Information Administration (EIA), World Energy Projection System (2021), run hm_210719.163753.

Notes:

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

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