

Table E8.gen. Electricity generation: South Korea, High Oil Price case

billion kilowatthours

Fuel	2020	2025	2030	2035	2040	2045
Liquid fuels	13	12	2	0	0	0
Natural gas	173	216	236	237	225	175
Coal	159	133	141	141	146	155
Nuclear	178	228	228	226	196	186
Renewables	27	38	61	99	168	250
Hydro	3	4	4	5	5	5
Wind	3	9	24	55	121	205
Geothermal	0	0	0	0	0	0
Solar	10	16	21	27	29	29
Other	11	9	12	13	12	11
Net generation to grid	549	626	668	704	735	767

Sources: U.S. Energy Information Administration (EIA), World Energy Projection System (2021), run hp_210719.163813.

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.

Average annual percentage change,	
2050	2020–2050
0	-14.6
173	0.0
151	-0.2
183	0.1
287	8.3
5	1.1
242	16.3
0	--
29	3.8
11	0.1
794	1.2