

Table E11.gen. Electricity generation: Russia, Reference case

billion kilowatthours

Fuel								Average annual percentage change, 2020–2050
	2020	2025	2030	2035	2040	2045	2050	
Liquid fuels	7	7	0	0	0	0	0	-12.5
Natural gas	499	550	587	563	568	569	567	0.4
Coal	180	165	165	199	202	203	202	0.4
Nuclear	204	229	234	234	234	234	227	0.4
Renewables	189	206	218	247	271	281	295	1.5
Hydro	187	203	203	205	206	208	209	0.4
Wind	0	0	6	28	48	54	61	21.4
Geothermal	0	1	1	1	1	1	1	1.3
Solar	1	3	7	12	13	16	21	12.5
Other	0	0	1	2	3	3	3	13.6
Net generation to grid	1,078	1,158	1,204	1,243	1,274	1,286	1,290	0.6

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.

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